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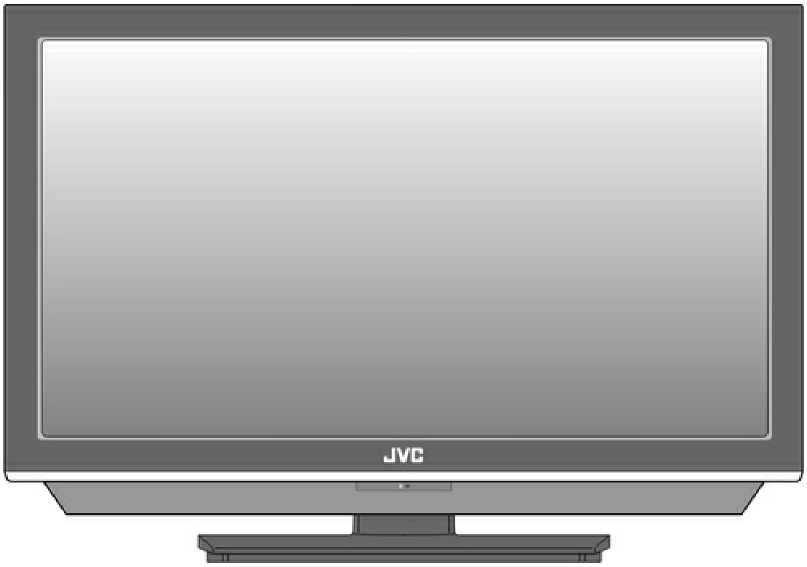
Manuals / Brands / JVC Manuals / TV / LT-47DV8BJ / Instruction manual / PDF

JVC LT-47DV8BJ INSTRUCTION MANUAL



Quick Links

Connecting External Devices
Initial Settings
Watching Digital Channels (Separate Manual)
Technical Information
Technical Information

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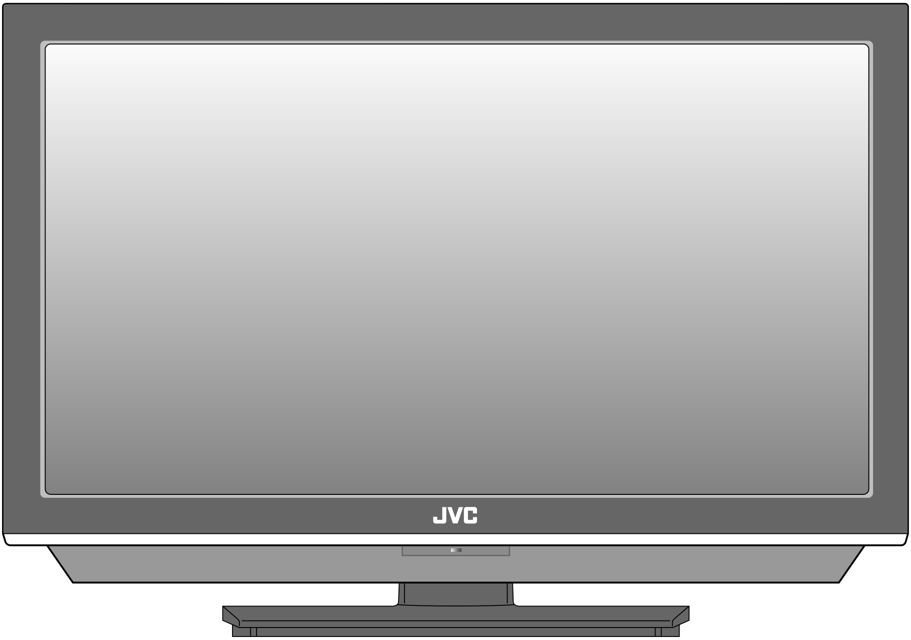
JVC

INSTRUCTIONS

WIDE LCD PANEL TV

LT-47DV8BJ
LT-42DV8BJ



100Hz ClearMotionDrive II

HD ready

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

DynaPiX Powered by D.I.S.T. HD

T-V LINK

MAXX Audio®

DVB®

Digital Video Broadcasting

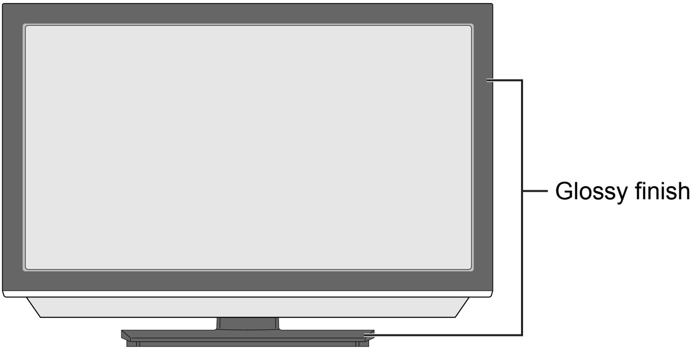
Trade Mark of the DVB Digital Video Broadcasting Project (1991 to 1996) Number : 4818, 4819

Handling the glossy finish of the TV

Be careful when handling the glossy finish of the TV

The glossy finish of the TV scratches easily.

- Protection films have been pasted onto the glossy finish of the TV to prevent scratches. Peel off the films after the TV has been placed properly.
- If the glossy finish gets dirty, clear the dust off the glossy finish first. Then wipe softly with the cleaning cloth provided. If you do not clear the dust first, or you wipe the glossy finish too hard, or a cleaning cloth other than the one provided is used, the glossy finish may be scratched.



Dear Customer,

This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.

European representative of Victor Company of Japan, Limited is:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germany

Information for Users on Disposal of Old Equipment

[European Union]

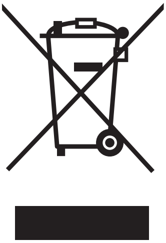
This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment for proper treatment, recovery and recycling in accordance with your national legislation.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of this product. For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

(Business users)
If you wish to dispose of this product, please visit our web page www.jvc-europe.com to obtain information about the take-back of the product.

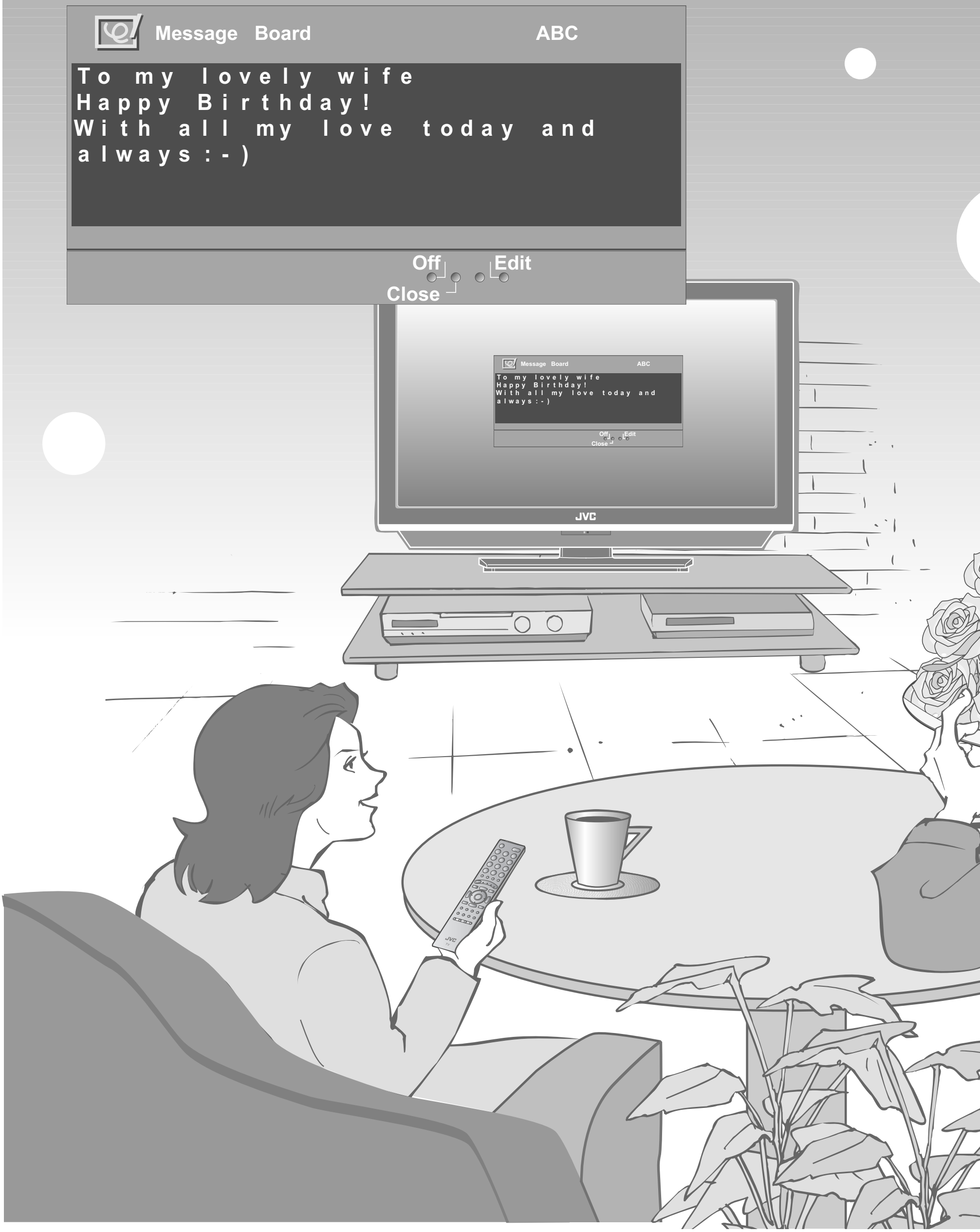
[Other Countries outside the European Union]
If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.



Attention:

This symbol is only valid in the European Union.

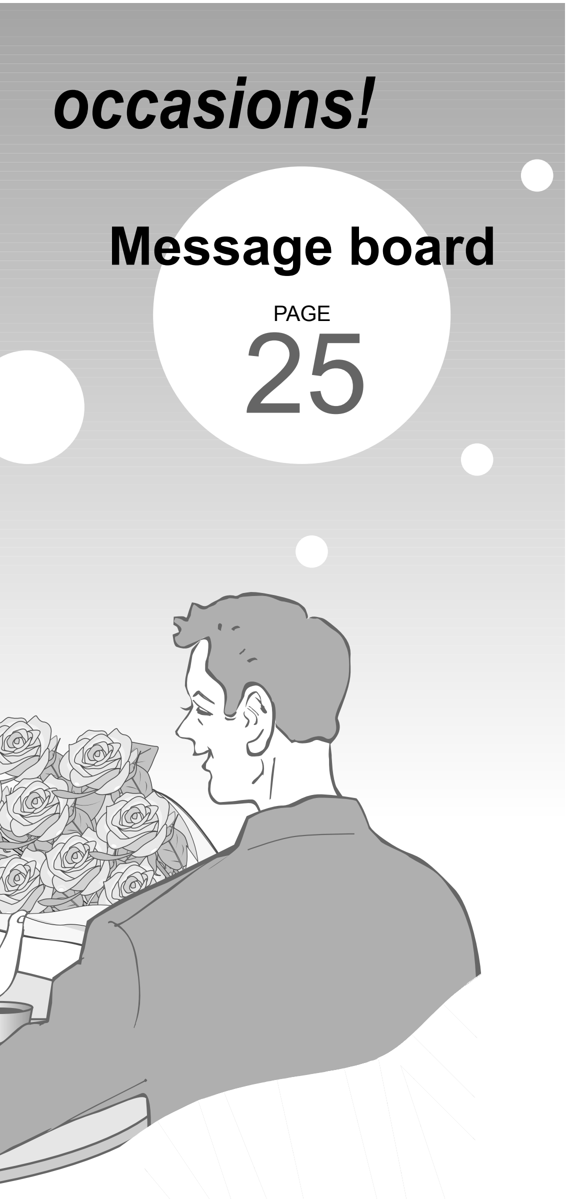
As a small surprise on special



Message Board
ABC

To my lovely wife
Happy Birthday!
With all my love today and always:-)

Off
Edit
Close
JVC



WATCHING DIGITAL CHANNELS (Separate manual)

- Watching digital channels.......................... 1
- Using EPG... 5
- Customising your TV 7
- Troubleshooting..................................... 19
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Digital terrestrial broadcasting (DVB-T)
➡ Digital channels
Analogue terrestrial broadcasting (VHF / UHF) and analogue cable TV
➡ Analogue channels

Contents

First things first!

- Warning..3

Getting started

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Try the advanced features

- Useful functions 27
- Operate JVC recorders and other devices....29

Just the way you like it

- Customising your TV..................................31

When you have trouble

- Troubleshooting 39
- Technical Information 42
- “CH/CC” List...45
- Specifications 46

Warning

Please follow all the guidelines below

Follow this manual regarding setup!

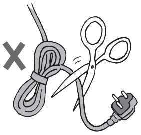
- Connect only to a 220 - 240 V, 50 Hz AC outlet.

Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!

- Even if the TV's power lamp is unlit, the main power supply is not cut off unless the power cord is unplugged. The main power supply for this TV is controlled by inserting or removing the power plug.

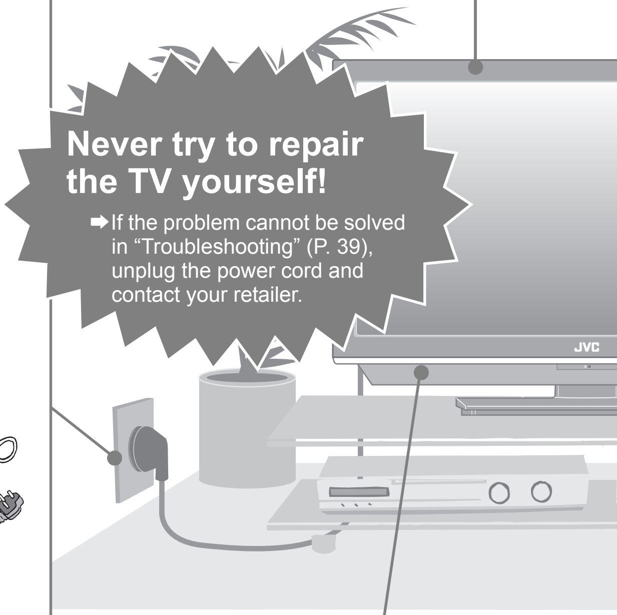
Never cut or damage the power cord!



- If the power plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)
- If you have cut or damaged the power cord.
  ➡"Technical Information" (P. 42)
- To change the fuse in power plugs
  ➡"Technical Information" (P. 42)

Do not allow the TV to fall!

- Do not rest your elbows on, or allow children to hang from the TV.
  There is a risk that the TV will fall and cause injuries.

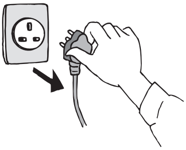


Never try to repair the TV yourself!

➡If the problem cannot be solved in "Troubleshooting" (P. 39), unplug the power cord and contact your retailer.

Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



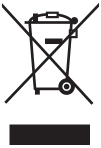
When attaching the TV to the wall, use the optional JVC wall mounting unit!

- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

■ For more details on installation, usage and safety ➡ Consult your retailer

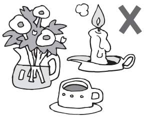
On disposal of the TV!

- Follow the instruction in "Information for Users on Disposal of Old Equipment" (P. ii).



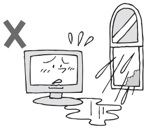
Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.



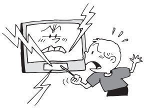
Never expose to rain or moisture!

- To prevent fire or electric shock, never allow liquids to enter the unit.



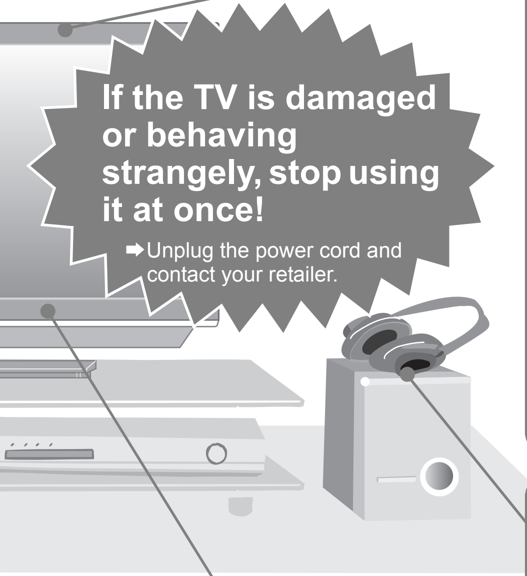
Never insert objects into the cabinet openings!

- It may cause a fatal electric shock. Take care when children are near.



Never obstruct the ventilation holes!

- It may cause overheating or a fire.



If the TV is damaged or behaving strangely, stop using it at once!

➡Unplug the power cord and contact your retailer.

Never listen to headphones at high volume!

- It may damage your hearing.

Take care when handling the glossy finish!

- For more details, see P. i.

Handle LCD panel with care!

- Use a soft, dry cloth when cleaning.

Never dismantle the rear panel!

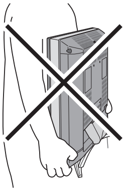
- It may cause an electric shock.

Hold the TV so as not to scratch the screen!

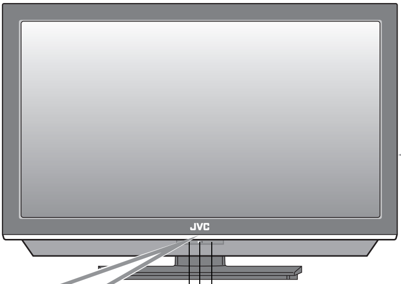
- Do not touch the screen when carrying the TV.

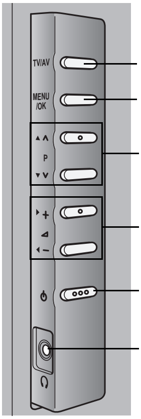
Do not carry the TV on your own!

- In order to prevent accidents, ensure that the TV is carried by two or more people.



Names of all the parts





Switch between TV (digital / analogue channels) and AV devices (P. 24)

Display on-screen menu / set

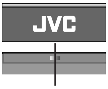
Change channel / page

Volume

Power On / Off

To headphones (P. 9)

Remote control sensor



Illumination lamp

- Illumination lamp lights while the TV is on.
  ➡“Illumination” (P. 36)

Power lamp

ON: Lit (Green)
OFF: Unlit

- The power lamp will light in green or orange during recording. ➡

WATCHING DIGITAL CHANNELS
“Timer” (P. 10)

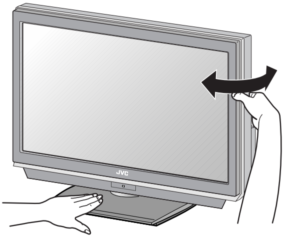
- When “Power Lamp” is set to “Off”, the Power lamp will not light up.
  ➡“Power Lamp” (P. 36)

Eco Sensor
➡“What is “Eco Mode”?” (P. 43)

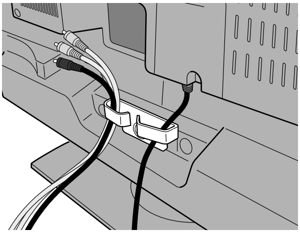
Note

- Peel off the protection films pasted on the glossy finish of the TV after the TV has been placed properly. (P. i)

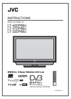
Change the direction of TV



Tidying the cables



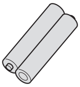
Check accessories



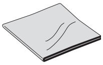
User manual
“INSTRUCTIONS”
(this book)

Separate manual
“WATCHING DIGITAL CHANNELS”

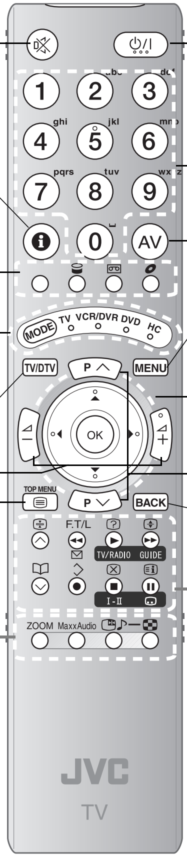
Remote control
(RM-C1911)



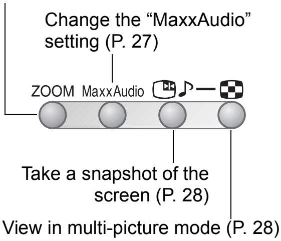
“AAA/R03” Batteries
(For confirming the TV works)



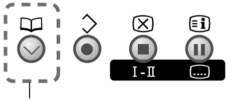
Cleaning cloth
(For details on using the cleaning cloth, see P. i.)


Mute
Power On / Off
Change channel / page
To input characters (P. 25)
Channel information
(P. 19)
Watch video, etc. (P. 23)
Colour buttons
Switch between “TV / VCR /
DVR / DVD / HC” (P. 29)
Display on-screen menu
(P. 31)
Switch digital / analogue
channels
Select and confirm settings in
menus
Volume
Change channel / page
View teletext (P. 21)
To the previous menu
MODE
TV VCR/DVR DVD HC
TV/DTV
MENU
OK
TOP MENU
BACK
F.T/L
TV/RADIO
GUIDE
ZOOM MaxxAudio
JVC
TV

■ When watching TV / Video


Change the aspect ratio (P. 27)
Change the “MaxxAudio” setting (P. 27)
ZOOM MaxxAudio
Take a snapshot of the screen (P. 28)
View in multi-picture mode (P. 28)

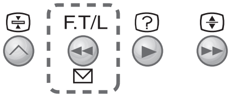
■ When viewing analogue channels



Choose a favourite channel (P. 19)

■ When viewing teletext (P. 21) (Analogue channels)

■ Message Board (P. 25)

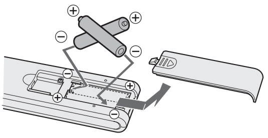


Display the message board

■ Operate JVC recorders and other devices (P. 29)

■ Insert the batteries

Use two “AAA/R03” dry cell batteries. Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



WARNING:
Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

For more information, please read the separate manual (WATCHING DIGITAL CHANNELS).

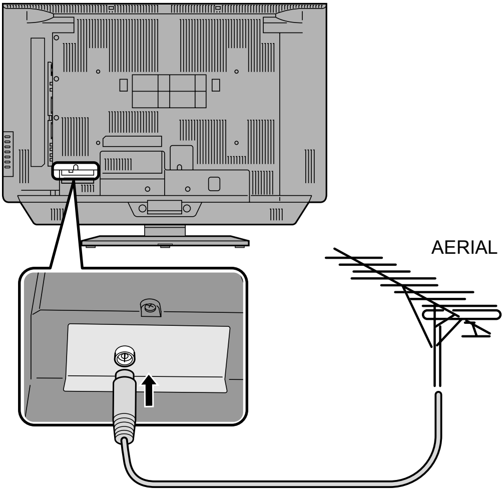
“Watching digital channels” (P. 1)

Basic connections

Please read the user manuals of each device carefully before setup.
It is necessary to connect an aerial to watch TV.

■ Connect with other devices ➡ "Connecting external devices" (P. 9)

Connect the aerial



- After all the connections have been made, insert the plug into an AC outlet.

Care when setting

■ Power requirements

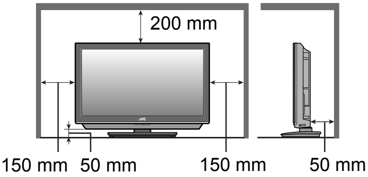
- Connect the power cord only to a 220 - 240 V, 50 Hz AC outlet.

■ When attaching the TV to the wall, use the optional JVC wall mounting unit

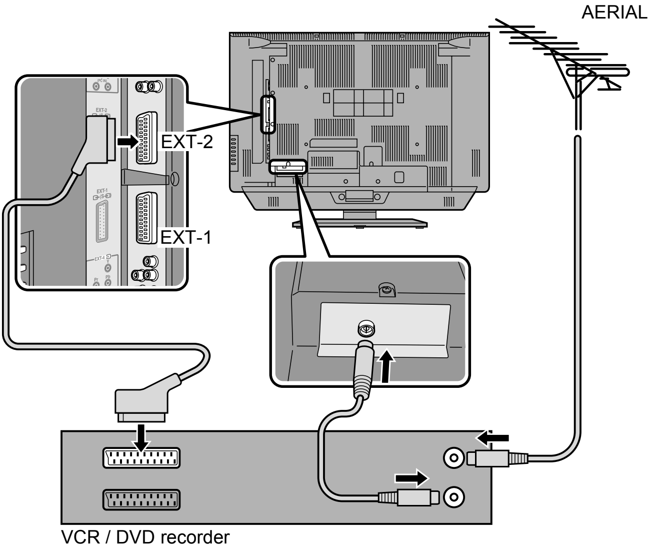
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- Four mounting holes (400 mm x 200 mm) for the wall mounting unit.

■ Installation requirements

- To avoid overheating, ensure the unit has ample room.



Connect a VCR / DVD recorder



- After all the connections have been made, insert the plug into an AC outlet.
- Connect “T-V LINK” compatible recording device to EXT-2.
- “T-V LINK” ➡ “What is “T-V LINK”?” (P. 11)

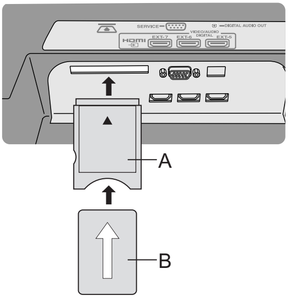
Watch pay-TV digital channels

Subscribe to a broadcasting company beforehand. A Viewing Card (B) will be sent by the broadcasting company after subscribing to it. It may be necessary for you to purchase a CAM (Conditional Access Module) (A) in addition to the Viewing Card.
Consult your broadcasting company or retailer.

① Unplug the power cord
② Insert “B” into “A”.
③ Insert “A”.
④ Plug the power cord, and turn the power on.
⑤ Perform necessary settings using “Common Interface”.

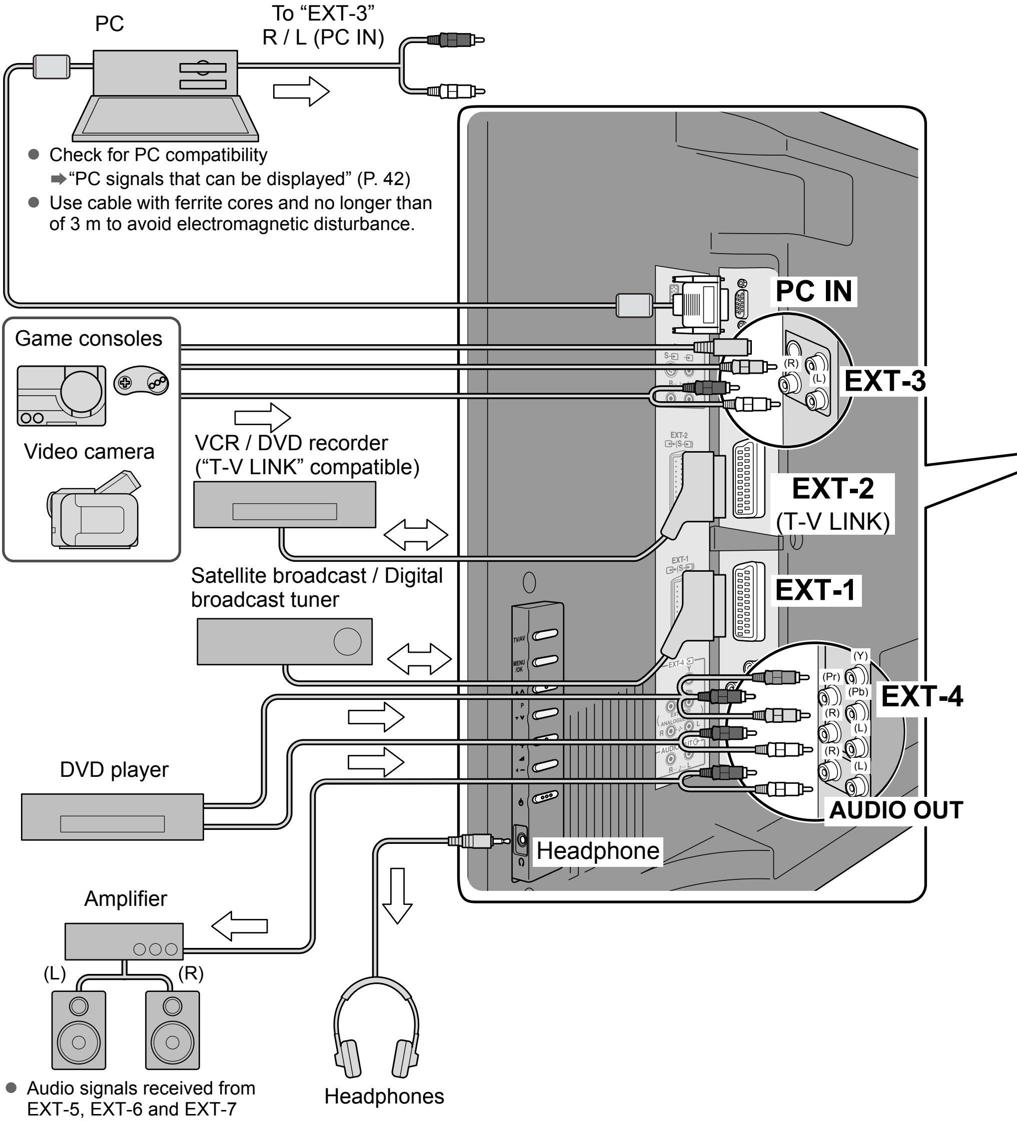
➡ WATCHING DIGITAL CHANNELS
“Common Interface” (P. 16)

- Pay-TV analogue channels cannot be watched.



Connecting external

You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied with this TV.)


PC
To "EXT-3"
R / L (PC IN)
Game consoles
Video camera
VCR / DVD recorder
("T-V LINK" compatible)
Satellite broadcast / Digital broadcast tuner
DVD player
Amplifier
(L)
(R)
Headphones
PC IN
EXT-3
(R)
(L)
EXT-2
(T-V LINK)
EXT-1
EXT-4
(Y)
(Pr)
(Pb)
(R)
(L)
(R)
(L)
AUDIO OUT
Headphone

- Check for PC compatibility
  ➡"PC signals that can be displayed" (P. 42)
- Use cable with ferrite cores and no longer than of 3 m to avoid electromagnetic disturbance.

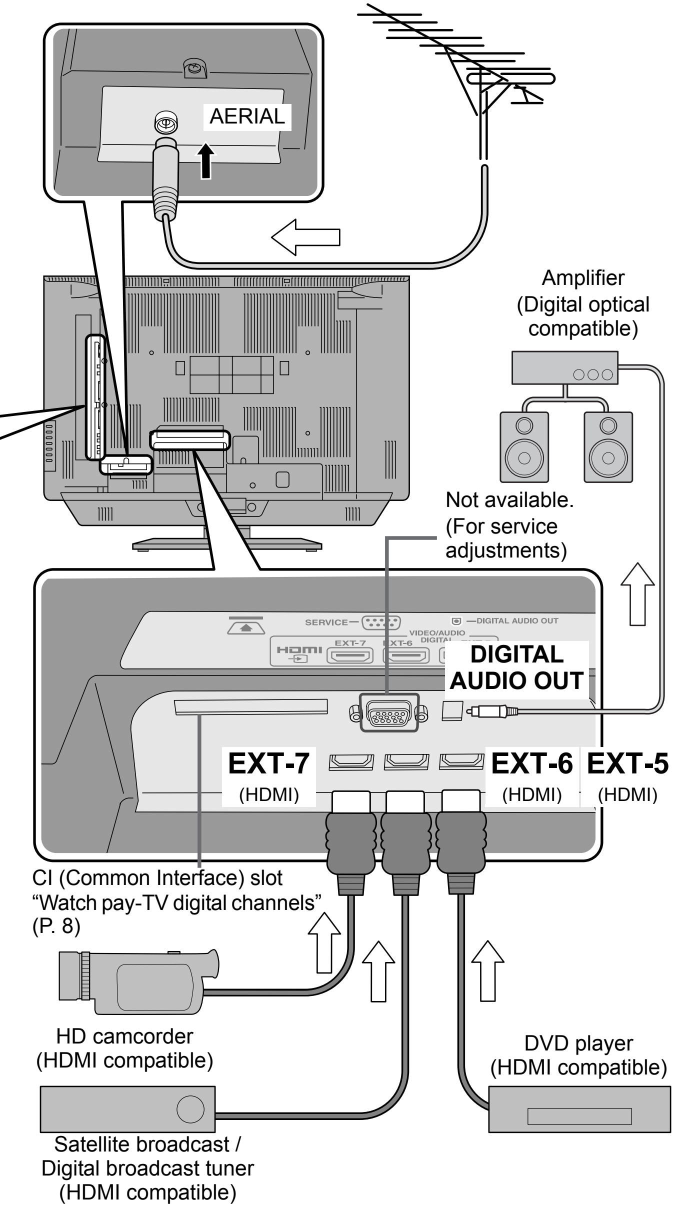
- Audio signals received from EXT-5, EXT-6 and EXT-7 cannot be sent to the AUDIO OUT terminal.

devices

VCR / DVD / other devices

- DVI devices ➡ "Connect DVI devices" (P. 42)
- "T-V LINK" ➡ "What is "T-V LINK"?" (P. 11)

⇨ : Signal direction


AERIAL
Amplifier
(Digital optical compatible)
Not available.
(For service adjustments)
SERVICE
DIGITAL AUDIO OUT
VIDEO/AUDIO
HDMI
EXT-7
EXT-6
DIGITAL
DIGITAL AUDIO OUT
EXT-7
(HDMI)
EXT-6
(HDMI)
EXT-5
(HDMI)
CI (Common Interface) slot
"Watch pay-TV digital channels" (P. 8)
HD camcorder
(HDMI compatible)
DVD player
(HDMI compatible)
Satellite broadcast / Digital broadcast tuner
(HDMI compatible)

EXT-1 Watching videos

Output ⬆	Input ⬇
• Composite signal • Sound L / R	• Composite signal / RGB / S-VIDEO • Sound L / R

- Use S-VIDEO ➡ "S-In" (P. 24)

EXT-2 Dubbing videos using "T-V LINK"

Output ⬆	Input ⬇
• Composite signal • Sound L / R	• Composite signal / RGB / S-VIDEO • Sound L / R

- Use S-VIDEO ➡ "S-In" (P. 24)
- Select dubbing sources
  ➡ "Dubbing" (P. 24)
- Connect a decoder
  ➡ "Decoder(EXT-2)" (P. 38)

EXT-3 Watching videos

Output ⬆	Input ⬇
	• Composite signal / S-VIDEO • Sound L / R

- Use S-VIDEO ➡ "S-In" (P. 24)

EXT-4 Watching DVDs

Output ⬆	Input ⬇
	• Component signal (P. 46) • Sound L / R

- "Component Auto Select" ➡ (P. 38)

EXT-5 EXT-6 EXT-7 Connecting HDMI device

Output ⬆	Input ⬇
	• HDMI signal (P. 46)

- "HDMI Setting" ➡ (P. 38)
- EXT-6 and EXT-7 inputs do not support analogue sound.
- Use HDMI CEC
  ➡ "What is "HDMI CEC"?" (P. 43)

AUDIO OUT

Listening to the TV on external speakers

Output ⬆
• Sound L / R

DIGITAL AUDIO OUT

Listening to the digital audio of digital channels on external speakers

Output ⬆
• Digital sound (P. 46)

- The sound from analogue channels and external devices cannot be output.

➡ WATCHING DIGITAL CHANNELS
""Dolby Digital" output from the DIGITAL AUDIO OUT terminal" (P. 22)

Initial settings

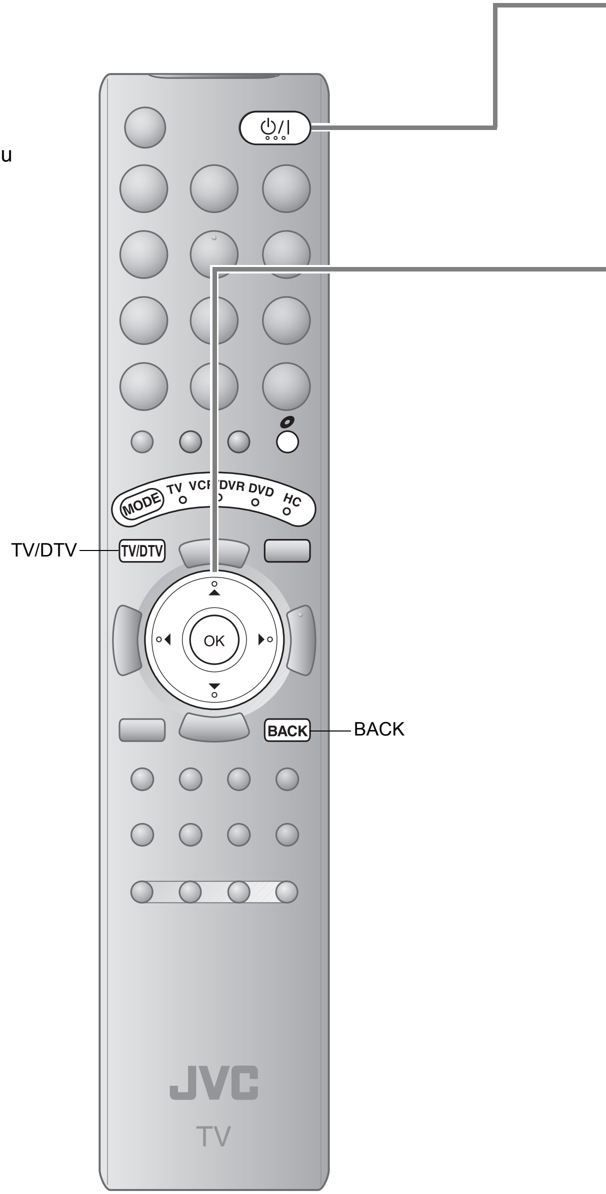
Register digital / analogue channels on TV. These channels can be edited later.
(In this manual, digital terrestrial broadcasting is indicated as digital channels, analogue terrestrial broadcasting and analogue cable TV as analogue channels.)

- To the previous screen ➡ BACK
- Exit ➡ TV/DTV
- If the "JVC" logo does not appear or if you wish to make changes later
  - **Digital channel settings:**

    ➡ WATCHING DIGITAL CHANNELS

    "Factory Settings" (P. 18)
    "Service Scan" (P. 17)
    "Menu Language" (P. 13)
  - **Analogue channel settings:**

    ➡ "Auto Program" (P. 37)
    "Language" (P. 37)



What is "T-V LINK"?

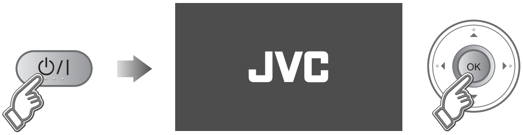
Connecting the TV to a "T-V LINK" compatible device allows:

- Channels on the TV to be instantly registered on the device.
- The "Direct Rec" function to be used.
  ➡"Technical Information" (P. 42)

■ "T-V LINK" variations

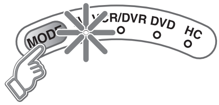
"T-V LINK" (JVC), "Q-LINK" (Panasonic), "Megalogic" (Grundig), "Data Logic" (Metz), "SMARTLINK" (Sony), "Easy Link" (Philips)

1 Begin



- Shown only when powering on for the first time.

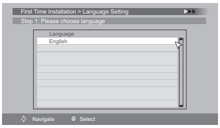
■ The remote control doesn't work


MODE
VCR/DVR
DVD
HC

- Confirm the mode is set to "TV".

2 Set digital channels

1 Confirm "English" is set

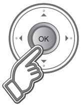


First Time Installation > Language Setting

Step 1: Please choose language

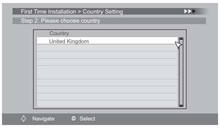
Language: English

Navigate
Select



- Language for on-screen displays when watching digital channel including the DTV menus.

2 Confirm "United Kingdom" is set

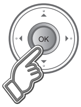


First Time Installation > Country Setting

Step 2: Please choose country

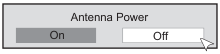
Country: United Kingdom

Navigate
Select

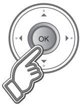


- This TV can only receive British digital channels.

3 Set the aerial power supply



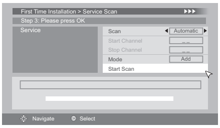
Antenna Power



- Only when using an aerial which requires external power, select "On".

➡ WATCHING DIGITAL CHANNELS **"Power supply for the indoor aerial" (P. 21)**

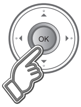
4 Scan digital channels

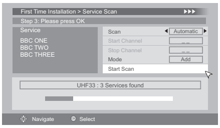


First Time Installation > Service Scan

Step 3: Please press OK

Service
Scan
Automatic
Start Channel
Stop Channel
Mode
Add
Start Scan
Navigate
Select





First Time Installation > Service Scan

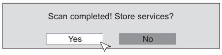
Step 3: Please press OK

Service: BBC ONE, BBC TWO, BBC THREE

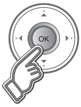
UHF33 : 3 Services found

Scan
Automatic
Start Channel
Stop Channel
Mode
Add
Start Scan
Navigate
Select

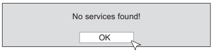
5 Register digital channels



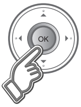
Scan completed! Store services?



■ If digital channels are not found, the following message will appear.



No services found!

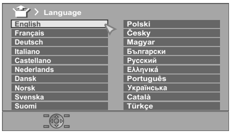


➡ ③ (Next page)

- After completing following steps, read "When the TV cannot find the digital channels" (P. 14) and try scanning digital channels again

Initial settings

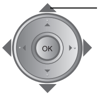
3 Confirm the language


Language

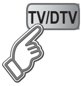
English	Polski
Français	Česky
Deutsch	Magyar
Italiano	Български
Castellano	Русский
Nederlands	Ελληνικά
Dansk	Português
Norsk	Українська
Svenska	Català
Suomi	Türkçe

- Language for Message Board and menus (excluding the DTV menus)

■ When change a language

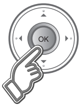


■ When not using analogue channels ➡



➡ 5

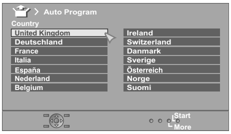
■ When using analogue channels (or cable TV) ➡



➡ 4

4 Set analogue channels

1 Register analogue channels

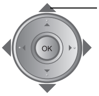

Auto Program

Country

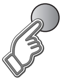
United Kingdom	Ireland
Deutschland	Switzerland
France	Danmark
Italia	Sverige
España	Österreich
Nederland	Norge
Belgium	Suomi

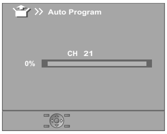
Start
More

■ To change the country



(blue)

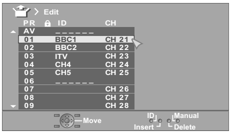



Auto Program

CH 21
0%

- If "ACI Start" appears, select and start settings.
  (This will set up cable television channels.)
  ➡"What is "ACI" (Automatic Channel Installation)?" (P. 42)

2 Check what was registered


Edit

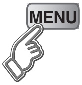
PR	ID	CH
AV	------	
01	BBC1	CH 21
02	BBC2	CH 22
03	ITV	CH 23
04	CH4	CH 24
05	CH5	CH 25
06	------	
07		CH 26
08		CH 27
09		CH 28

Move
ID
Manual
Insert
Delete

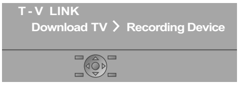
■ To edit channels

➡"Editing analogue channels" (P. 15)

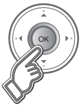
■ If not editing channels



3 Set T-V LINK

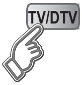

T-V LINK
Download TV › Recording Device

■ When using "T-V LINK"



- If "Feature Not Available" appears ➡ (P. 41)

■ When not using "T-V LINK"



5 Initial setting is complete

- Edit digital channels using “Edit PR”
  - ➡ WATCHING DIGITAL CHANNELS **P. 11 - 12**
- If digital channel reception is poor ➡ “When the digital channel reception is poor” (P. 14)
- If analogue channel reception is poor ➡ “Troubleshooting” (P. 39)
- Some digital channels cannot be watched on this TV.
  - ➡ WATCHING DIGITAL CHANNELS **P. 21**

When the TV cannot find the digital channels

Check the following points

- Is the TV connected correctly to the aerial?
- Change the direction of the indoor aerial.
- Is there a digital channels transmission tower nearby?
  ➡ Turn “Attenuator” to “On” (P. 38), since the radio waves are too strong.

Note

- “Attenuator” attenuates the radio waves of analogue broadcast as well as those of digital broadcast. If some noise or snow appears when watching an analogue channel, please set “Attenuator” to “Off” temporarily.

- Re-configure the initial settings using “Factory Settings” ➡ WATCHING DIGITAL CHANNELS **P. 18**

If you still cannot watch digital channels after following the steps above, there may be a problem with your aerial or its cable. Or, the signal may be too weak. ➡ Consult your retailer

When the digital channel reception is poor

The “Missing or weak signal” message appears.

Check the following points

- Is the TV connected correctly to the aerial?
- Change the direction of the indoor aerial.
- Is there a digital channels transmission tower nearby?
  ➡Turn “Attenuator” to “On” (P. 38), since the radio waves are too strong.

Note

- “Attenuator” attenuates the radio waves of analogue broadcast as well as those of digital broadcast. If some noise or snow appears when watching an analogue channel, please set “Attenuator” to “Off” temporarily.

You can check the broadcast signal level of the channel you are watching using “Signal Check”.

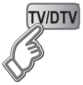
➡ WATCHING DIGITAL CHANNELS **P. 18**

If you still cannot watch digital channels after following the steps above, there may be a problem with your aerial or its cable. Or, the signal may be too weak. ➡ Consult your retailer

Editing analogue channels

Edit the channels registered with “Auto Program” in “Initial settings” (P. 13).

1 Switch to analogue channels



■ To edit digital channels

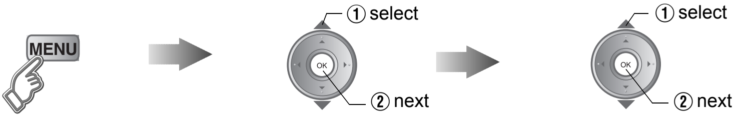
➡ WATCHING DIGITAL CHANNELS **P. 11 - 12**

2 Display the “Edit” menu

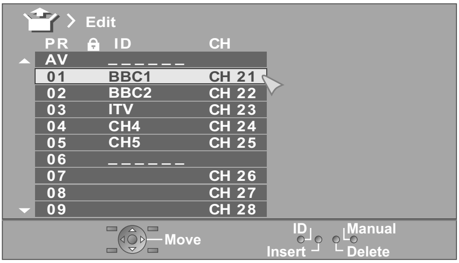
Display the menu bar

Select “Set Up”

Select “Edit/Manual”


MENU
① select
② next
① select
② next

3 Edit channels


Edit
Move
ID
Insert
Manual
Delete

PR	🔒 ID	CH
AV	______	
01	BBC1	CH 21
02	BBC2	CH 22
03	ITV	CH 23
04	CH4	CH 24
05	CH5	CH 25
06	______	
07		CH 26
08		CH 27
09		CH 28

■ To the previous menu

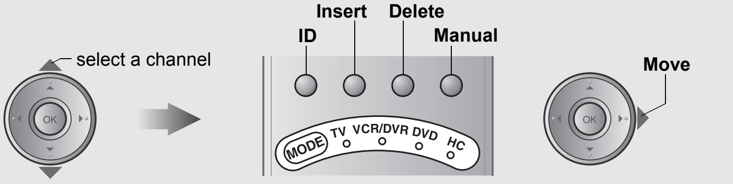
➡ **BACK**

■ Exit

➡ **MENU**

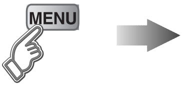
Select channel

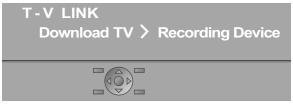
Select edit function


select a channel
Insert
Delete
ID
Manual
MODE
TV
VCR/DVR
DVD
HC
Move

Next

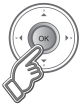
4 Finish



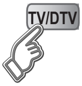

T-V LINK
Download TV › Recording Device

- If “Feature Not Available” appears ➡ (P. 41)
- “T-V LINK” ➡ “What is “T-V LINK”?” (P. 11)

■ When using “T-V LINK”

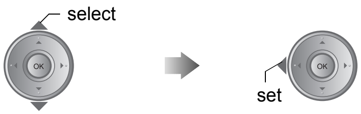


■ When not using “T-V LINK”



Move

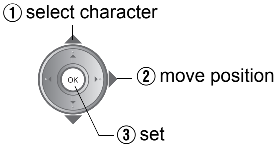
Move a channel's position (PR)



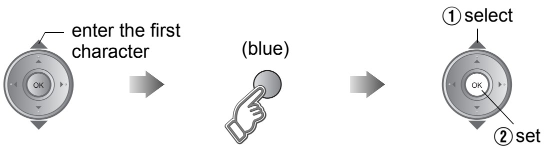
ID

Edit a channel name (ID)

■ Naming a channel


① select character
② move position
③ set

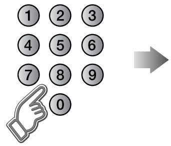
■ When selecting a preset name from the "ID List"


enter the first character
(blue)
① select
② set

Insert

Insert a new channel directly by entering the CH/CC number

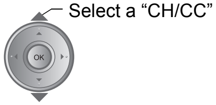
Enter a number


1
2
3
4
5
6
7
8
9
0

Receives the broadcast signal.

- "CH/CC" List ➡ (P. 45)

■ In United Kingdom, you cannot enter "CC" numbers.
In Ireland, you can select "CH" or "CC" before entering a number.


Select a "CH/CC"

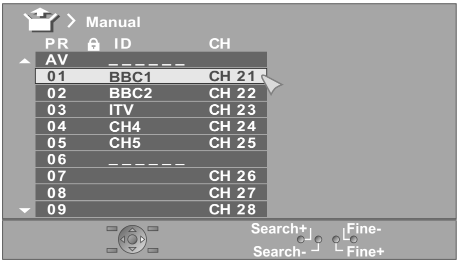
Delete

Delete a channel

- Pressing the button deletes the channel.

Manual

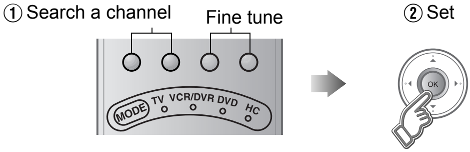
Register a new channel



Manual

PR	🔒 ID	CH
AV	_ _ _ _ _ _	
01	BBC1	CH 21
02	BBC2	CH 22
03	ITV	CH 23
04	CH4	CH 24
05	CH5	CH 25
06	_ _ _ _ _ _	
07		CH 26
08		CH 27
09		CH 28

Search+
Search-
Fine-
Fine+


① Search a channel
Fine tune
② Set
MODE
TV
VCR/DVR
DVD
HC

- Press the red or green button. Auto-search begins, and the nearest frequency is imported.
  ➡ Repeat the previous steps until the desired channel is displayed.

Enjoy your new TV!

Watching analogue channels

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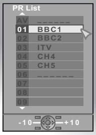
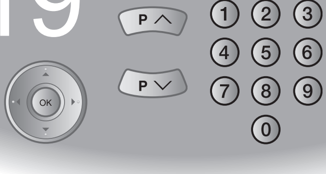
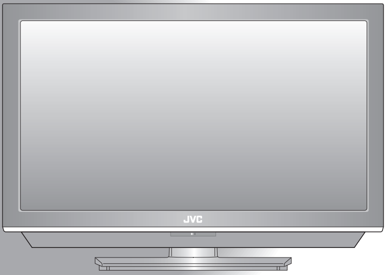
19



PR List
AV ––––––
01 BBC1
02 BBC2
03 ITV
04 CH4
05 CH5
06 ––––––
07
08
09
-10 +10


P
P
OK
1
2
3
4
5
6
7
8
9
0



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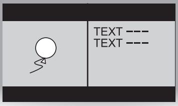
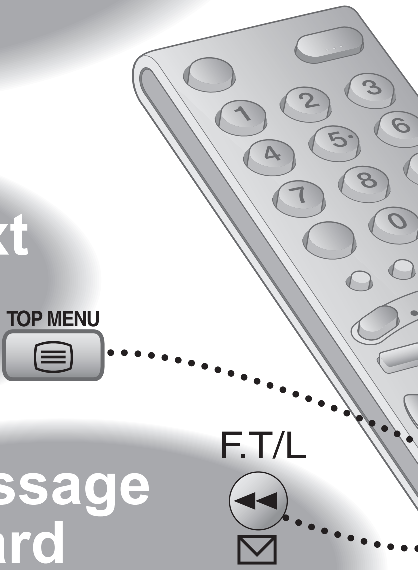
21

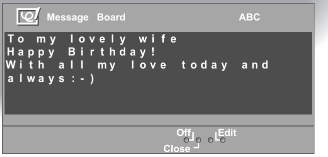
Viewing teletext
(Analogue channels)




TOP MENU
F.T/L

PAGE
25

Message board



Message Board ABC

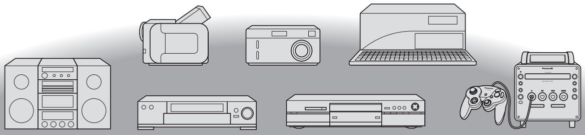
To my lovely wife
Happy Birthday!
With all my love today and
always :-)

Off
Edit
Close

PAGE
27

Useful functions

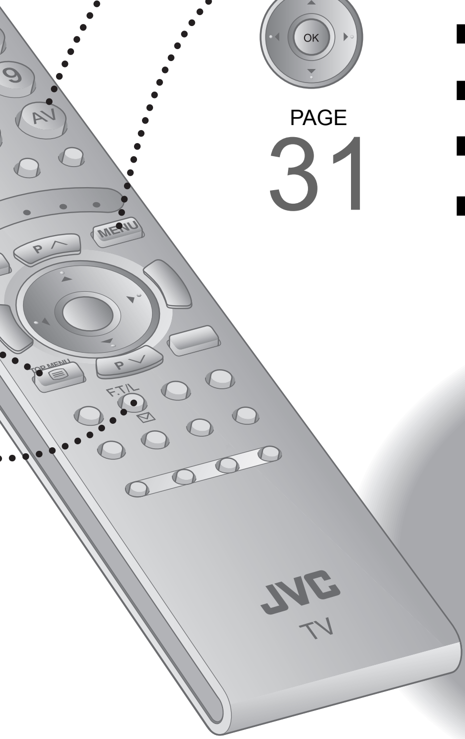
- Change the aspect ratio
- Enjoy the good sound
- Take snapshots of the screen
- Watch in multi-picture mode



Watching videos / DVDs

AV

PAGE
23

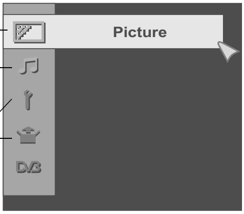


Customising your TV

MENU

PAGE
31

- ■ Picture settings
  (Picture Mode, Features, etc.)
- ■ Sound settings
  (Stereo/ I·II, MaxxAudio, etc.)
- ■ Features settings
  (Sleep Timer / Child Lock, etc.)
- ■ Set Up settings
  (Auto Program, Language, etc.)



Watching digital channels

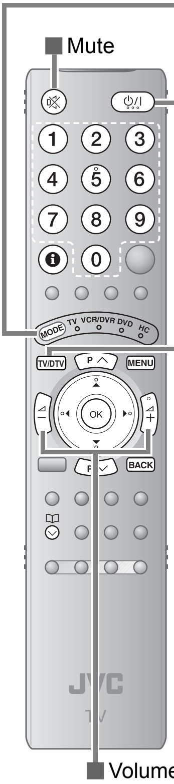
WATCHING DIGITAL CHANNELS
P. 1 - 4

Customising your TV

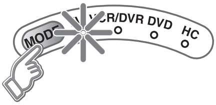
(Digital channels)

WATCHING DIGITAL CHANNELS
P. 7 - 18

Watching analogue channels


Mute
1
2
3
4
5
6
7
8
9
0
MODE
TV
VCR/DVR
DVD
HC
TV/DTV
P
MENU
OK
BACK
JVC
TV
Volume

1 Set to “TV”


MODE
VCR/DVR
DVD
HC

2 Power on

The green power lamp on the TV lights

- Press again to turn the screen off and put the TV into standby mode.

3 Switch to analogue channels

4 Select a channel

■ To the previous channel

➡ BACK

■ Switch between mono / stereo / bilingual broadcasting

➡ “Stereo/ Ⅰ·Ⅱ” (P. 34)

Note

- To completely turn off the TV, unplug the power plug.
- Using the TV buttons ➡ “Names of all the parts” (P. 5)

■ Watching digital channels

➡ WATCHING DIGITAL CHANNELS **P. 1 - 4**

Channel information and clock

Using PR list

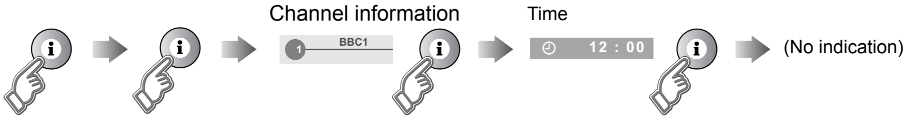
Using the number buttons, up / down buttons

Register a channel to a button

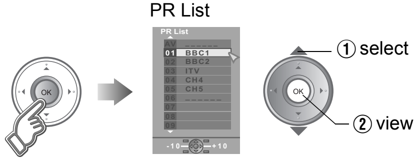
FAVOURITE CHANNEL

Note

- To soften the picture for daily use, change the setting in "Picture Mode"
  ➡"Picture Mode" (P. 32)


Channel information
1
BBC1
Time
12 : 00
(No indication)

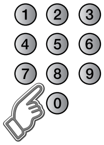
- Pressing the button once displays the "PR List".
- Time is displayed only when teletext broadcasting can be received.


PR List
PR List
AV ------
01 BBC1
02 BBC2
03 ITV
04 CH4
05 CH5
06 ------
07
08
09
-10 +10
OK
① select
② view

■ Close PR List

- Select a page ➡

■ Press a channel number

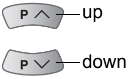

1 2 3
4 5 6
7 8 9
0

E.g.

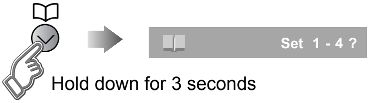
1 : ⓪ ➡ ①

15 : ① ➡ ⑤

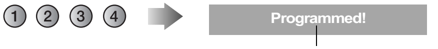
■ Move up or down a channel



While the channel is displayed


Set 1 - 4 ?
Hold down for 3 seconds

Press the number to register it on


1 2 3 4
Programmed!

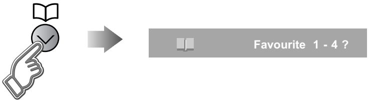
Disappears after a few seconds

Note

The following "Picture" and "Sound" menu settings applied to the channel will be stored in the favourite channel as well.

- Picture Mode / Super DigiPure / Colour System (P. 32 - 33)
- MaxxVolume / Voice Enhancer (P. 34)

■ Recall the favourite channel


Favourite 1 - 4 ?

Press the number you registered

① ② ③ ④

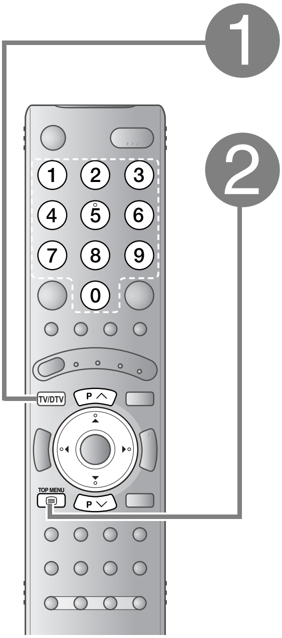
■ Check your favourite channels

➡ Press "ℹ" and confirm that the channels you have registered have a 🕮 beside them

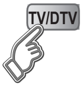
■ Delete a favourite channel ➡ "Favourite Setting" (P. 36)

Viewing teletext (Analogue channels)

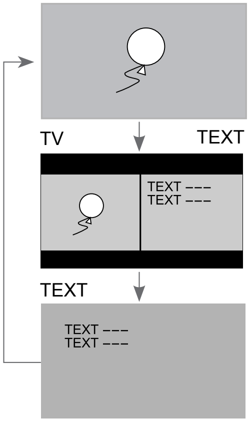
This TV can display TV broadcasts and teletext on the same analogue channel in two windows.


1
2
1 2 3
4 5 6
7 8 9
0
TV/DTV
P
TOP MENU
P

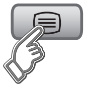
1 Switch to analogue channels



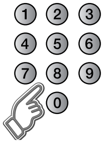
When watching analogue channel


TV
TEXT
TEXT ---
TEXT ---
TEXT
TEXT ---
TEXT ---

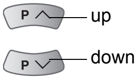
2



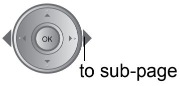
■ Enter a teletext page

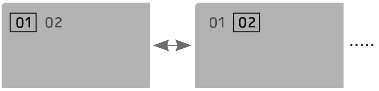

1 2 3
4 5 6
7 8 9
0

■ Move up or down a page



■ View sub-pages

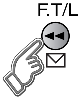

OK
to sub-page



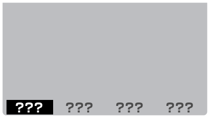
Bookmark your favourite page

LIST MODE

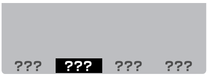
1 Display your favourites list

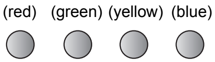


LIST MODE

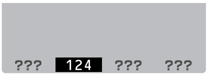


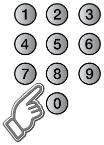
2 Select a coloured button to save your page to



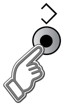

(red)
(green)
(yellow)
(blue)

3 Enter the number of the page to save

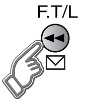



1 2 3
4 5 6
7 8 9
0

4 Save

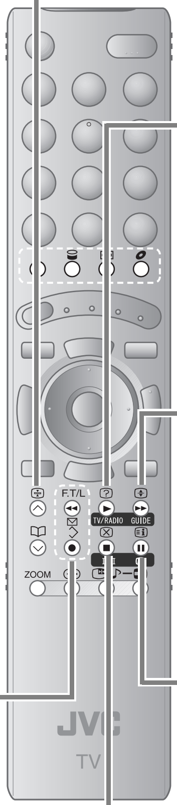


■ Exit ➡



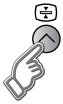
■ Recall your favourite page ➡ Press the coloured button as in step 2

■For teletext information on digital channels ➡ WATCHING DIGITAL CHANNELS **P. 4**


F.T/L
TV/RADIO
GUIDE
ZOOM
JVC
TV

Hold the current page

HOLD

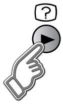


Hold the current page

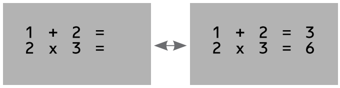
■Release ➡ Press “∧” again

Reveal hidden pages

REVEAL

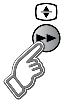


Display hidden information (answers to quizzes, etc.)

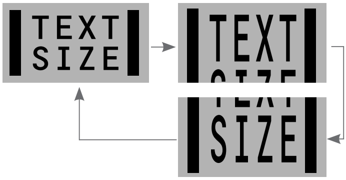

1 + 2 =
2 x 3 =
1 + 2 = 3
2 x 3 = 6

Enlarge the text

SIZE

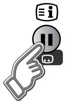


Double the size of the displayed text


TEXT
SIZE
TEXT
SIZE

To the index page

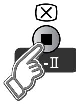
INDEX



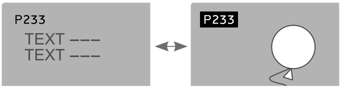
Returns to page “100” or a previously designated page

Switch briefly from teletext to TV

CANCEL

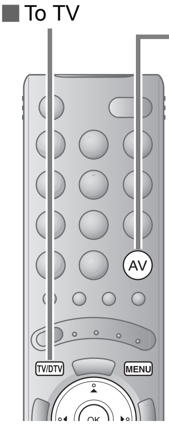


Leave the current page open, while you switch to watch TV

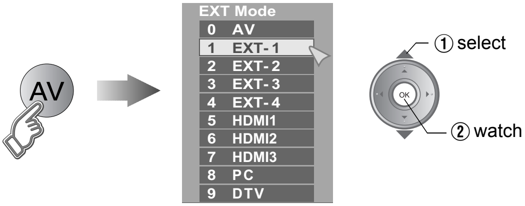

P233
TEXT ---
TEXT ---
P233

- Useful when running a page search.

Watching videos / DVDs


To TV
AV
TV/DTV
MENU
OK

1 Select the video source


AV
① select
② watch
OK

EXT Mode
0 AV
1 EXT-1
2 EXT-2
3 EXT-3
4 EXT-4
5 HDMI1
6 HDMI2
7 HDMI3
8 PC
9 DTV

E.g. For EXT-1

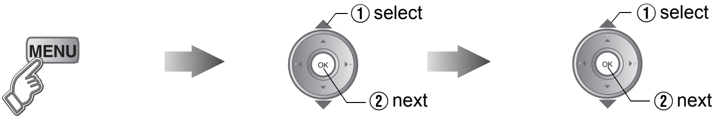
2 Operate the connected device and play a video

■ Operate JVC recorders and other devices (P. 29)

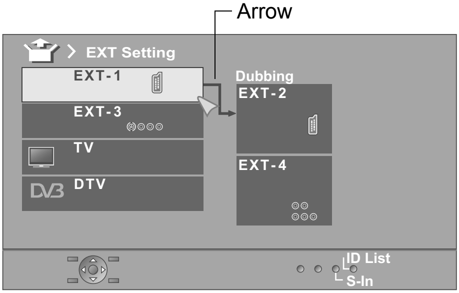
Setting external terminals

1 Display the "EXT Setting" menu

Display the menu bar — Select "Set Up" — Select "EXT Setting"

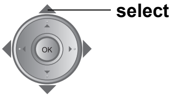

MENU
① select
② next
OK
① select
② next
OK

2 Select an "EXT" or arrow, and then proceed with setting

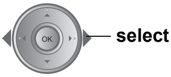


EXT Setting
EXT-1
EXT-3
TV
DTV
Dubbing
EXT-2
EXT-4
ID List
S-In

Select an "EXT"



Select the arrow

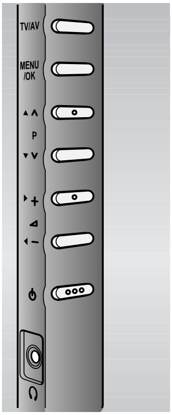


Next

3 Finish

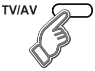
- ● Adjust the position of the PC image ➡ "PC Position" (P. 38)
- ● HDMI terminal setting ➡ "HDMI Setting" (P. 38)

Using the TV's buttons

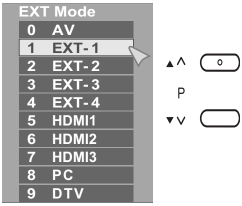

TV/AV
MENU /OK
▲∧
P
▼∨
▸+
◂−
⏻

■ Select a video source

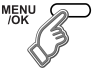
1



2

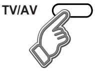

EXT Mode
0 AV
1 EXT-1
2 EXT-2
3 EXT-3
4 EXT-4
5 HDMI1
6 HDMI2
7 HDMI3
8 PC
9 DTV
▲∧
P
▼∨

3

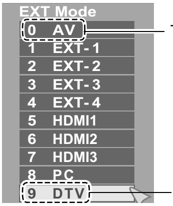


■ Select a digital / analogue channel

1

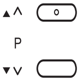


2

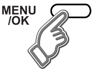

EXT Mode
0 AV
1 EXT-1
2 EXT-2
3 EXT-3
4 EXT-4
5 HDMI1
6 HDMI2
7 HDMI3
8 PC
9 DTV

To analogue channels

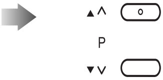
To digital channels



3



Select a channel



S-In

Switch to S-Video input

(yellow)

- "S⊖" mark will appear at the selected "EXT".
- The device selection display will change from "E1" to "S1".

■ Cancel this mode ➡ Press "●" (yellow) again

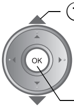
ID List

Edit names of connected devices

① Show the name list

② Select a name from the list

(blue)



① select

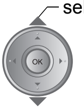
② set

■ Clear the name ➡ Select the blank space in the list

Dubbing

Set up dubbing on "EXT-2"

select the dubbing source

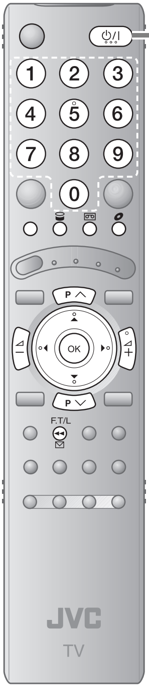


Message board

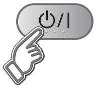
The message board function allows you to display the message that were input beforehand on the TV screen when the TV is turned on.

Times when the message board comes in handy!

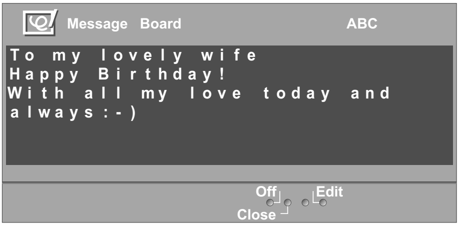
- On occasions such as birthdays (e.g. Happy birthday!)
- Message to your children (e.g. I’m going out between 3 and 4 pm.)
- An alternative to calendar (timetable) (e.g. 12/7 remember 7 o’clock parent night.)



1



- The message board will not be displayed the first time you turn on the TV upon purchased.
- If you have trouble viewing the message board with its translucent background, in the “Features” menu, change “Appearance” to “Type B”. (P. 36)



To my lovely wife
Happy Birthday!
With all my love today and
always:-)

2

Hide the message board

To hide temporarily

(green)

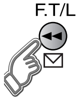
- The message board is displayed whenever the TV is turned on.

To turn off

(red)

- The message board is not displayed even if the TV is turned on.

- To display ➡



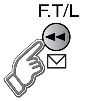
Key code table

①	@	.	/	_	-	1	,	’	”	:	;	\	(	)	[	]	{	}				
②	A	B	C	2	À	Â	Æ	Ç		a	b	c	2	à	â	æ	ç					
③	D	E	F	3	É	È	Ê	Ë		d	e	f	3	é	è	ê	ë					
④	G	H	I	4	Î	Ï				g	h	i	4	î	ï							
⑤	J	K	L	5						j	k	l	5									
⑥	M	N	O	6	Ñ	Ô	Ö	Œ		m	n	o	6	ñ	ô	ö	œ					
⑦	P	Q	R	S	7					p	q	r	s	7								
⑧	T	U	V	8	Û					t	u	v	8	û								
⑨	W	X	Y	Z	9	Ŵ	Ŷ			w	x	y	z	9	ŵ	ŷ						
⓪		?	!	0	+	&	%	*	=	<	>	€	£	$	¥	¤	~	^	¿	¡	§	#

Composing message

1 Display the message-editing screen

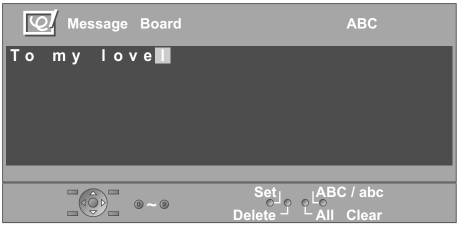
Display the message board



Switch to the editing screen

(blue)

2 Input the message



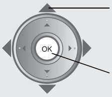
To my love

- You can enter up to maximum 210 characters (7 rows, 30 characters per row).
- Inserting a character in the text is not allowed. The existing character will be overwritten.
- To input characters in a different language, in the "Set Up" menu, change the "Language" selection. (P. 37)

To enter the characters

1
2
3
4
5
6
7
8
9
0

To move the cursor

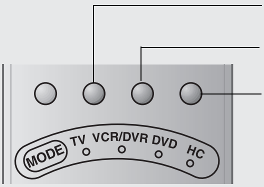


Move the cursor

Start a new line

- For characters that can be input, see "Key code table" (P. 25).

To clear or change character



To delete a character

To clear all characters (press for more than 1 second)

To switch between uppercase and lowercase characters

3 Save the message

(red)

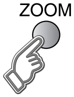
- Only one message can be saved. To compose a new message, re-edit the current message.

Useful functions

Change the aspect ratio

ZOOM

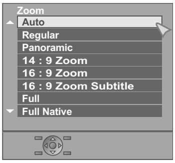
1

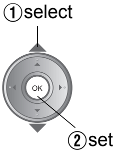


- When 1080p (1125p) / 720p (750p) signal is received, the zoom menu will not be displayed.
- 1080p (1125p) signal is displayed as “Full Native”. 720p (750p) signal is displayed as “Full”.

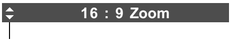
2

Select the aspect ratio


Zoom
Auto
Regular
Panoramic
14 : 9 Zoom
16 : 9 Zoom
16 : 9 Zoom Subtitle
Full
Full Native

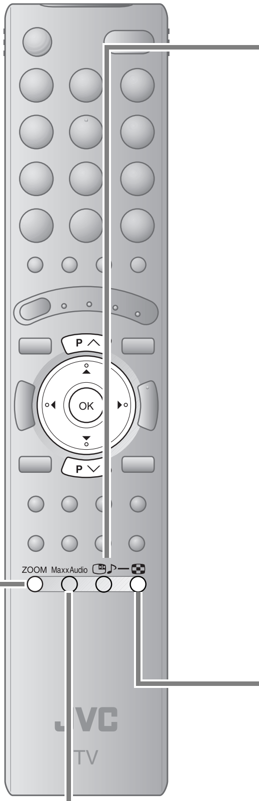

①select
OK
②set

3



Move the picture with ▲ or ▼ while this bar is displayed

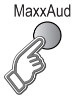
- In PC mode, “Regular” and “Full” can be selected.
- “Full Native” can be selected from the “Zoom” menu only when 1080i (1125i) signal is received.
- “Full Native” ➡ “What is “Full Native”?” (P. 44)
- Using “Auto” ➡ “Auto in “Zoom”” (P. 44)


P
OK
P
ZOOM
MaxxAudio
JVC
TV

Enjoy the good sound

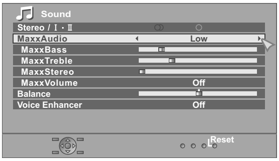
MaxxAudio

1



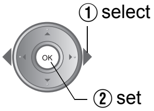
2

Select the “MaxxAudio” setting



Sound

Stereo / I · II	
MaxxAudio	Low
MaxxBass	
MaxxTreble	
MaxxStereo	
MaxxVolume	Off
Balance	
Voice Enhancer	Off


①select
OK
②set

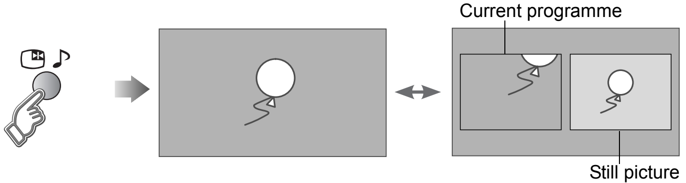
- You can adjust the “MaxxAudio” settings in the “Sound” menu. (P. 34)
- If you connect the Headphone to the TV, “MaxxAudio” setting is turned to “Off”.

● For more functions ➡ "Customising your TV" (P. 31 - 38)

Take snapshots of the screen

FREEZE

(Not available for digital channels and PC)



■ Cancel

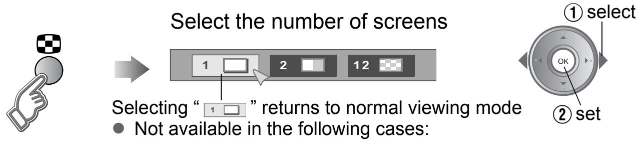
➡Press " ○ " again, or change the channel

- Not available in the following cases:
  - when the SUB-PICTURE is displayed
  - when watching digital channels
  - when in PC mode
  - when 1080p (1125p) signal is received
- You cannot save or export the snapshot.

Watch in multi-picture mode

MULTI-PICTURE

Select the number of screens

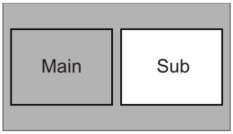


Selecting " 1 ▭ " returns to normal viewing mode

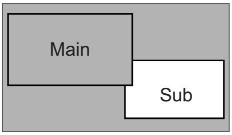
- Not available in the following cases:
  - when in PC mode
  - when 1080p (1125p) signal is received

■ Watch in dual-picture mode

E.g. You can watch TV and video at the same time.



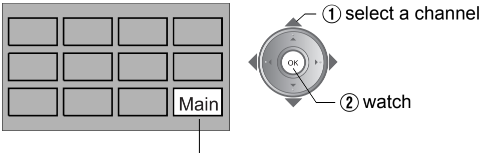
(For wide aspect ratio signals)



- Switch between the sound sources ➡ ○
- Change the channel ➡ (Main) P ∧ P ∨ , (Sub) ∧ ∨
- When watching digital channels, there may be occasions where the aspect ratio changes, for example during commercials. In this case, the layout of the screen in dual-picture mode changes automatically according to the aspect ratio signal.

■ Select an analogue channel in 12-screen mode

All registered analogue channels are displayed as still images.



- Move up or down a page ∧ ∨

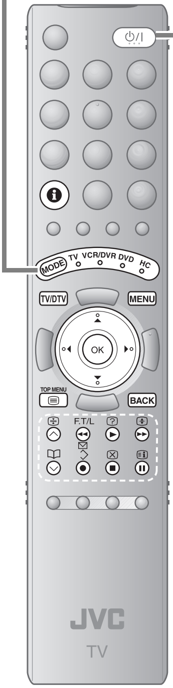
Only the selected frame has a moving picture.

- Not available for digital channels, EXT-5, EXT-6 or EXT-7 input.

IMPORTANT
PREPARE
USE
SETTING
TROUBLE?

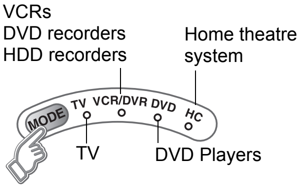
Operate JVC recorders

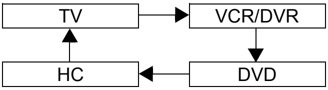
The included remote control can be used to operate JVC recorders and other devices.


MODE
TV
VCR/DVR
DVD
HC
TV/DTV
MENU
OK
TOP MENU
BACK
F.T/L
JVC
TV

1

Select a device

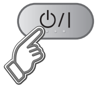

VCRs
DVD recorders
HDD recorders
Home theatre system
MODE
TV
VCR/DVR
DVD
HC
TV
DVD Players


TV
VCR/DVR
DVD
HC

- The indicator lights for 3 seconds each time the remote control is operated.

2

Turn on the device



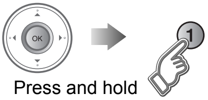
3

Operate the device

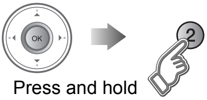
- Other buttons can be used to operate the TV at any time.

Try changing the remote control code if you cannot operate a recorder.

■ Code A or 1 (Default)


OK
1
Press and hold

■ Code C or 3


OK
2
Press and hold

- Confirm the code for your recorder by checking the manual it came with.
- Some models of JVC devices cannot be operated with this remote control.
- JVC DVD recorders and HDD recorders are set to code “C” or “3” by default.

Note

- If the battery is removed, the remote control code reverts back to code A or 1.

Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

Operate the DVD Player

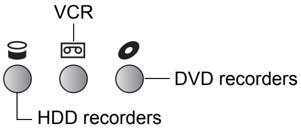
DVD

Operate the home theatre system

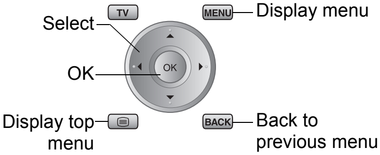
HC

and other devices

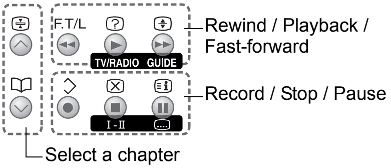
Select VCR / DVD recorder / HDD recorder


VCR
DVD recorders
HDD recorders

■ Operate DVD / HDD recorder menus

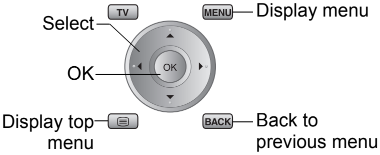

Select
TV
OK
Display top menu
MENU
Display menu
BACK
Back to previous menu

■ Playback / Record etc.

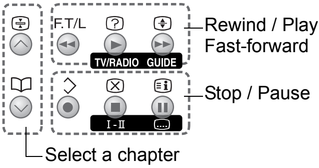

F.T/L
TV/RADIO
GUIDE
I - II
Rewind / Playback / Fast-forward
Record / Stop / Pause
Select a chapter

■ Display the subtitle (DVD / HDD recorder mode) ➡ Press “i”

■ Operate DVD menus

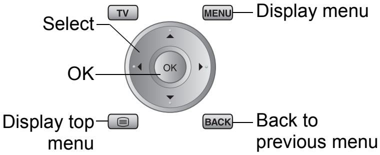

Select
TV
OK
Display top menu
MENU
Display menu
BACK
Back to previous menu

■ Playback etc.

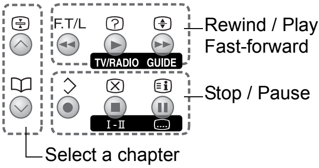

F.T/L
TV/RADIO
GUIDE
I - II
Rewind / Playback / Fast-forward
Stop / Pause
Select a chapter

■ Display the subtitle ➡ Press “i”

■ Operate HC menus


Select
TV
OK
Display top menu
MENU
Display menu
BACK
Back to previous menu

■ Playback etc.


F.T/L
TV/RADIO
GUIDE
I - II
Rewind / Playback / Fast-forward
Stop / Pause
Select a chapter

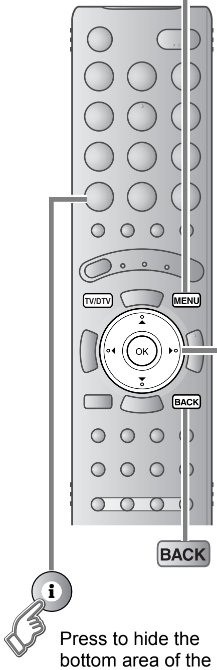
■ Display the subtitle ➡ Press “i”

■ Mute ➡ Press “🔇”

■ Volume ➡ Press “P∧ P∨”

■ Select a surround mode ➡ Press “⇔”

Customising your TV

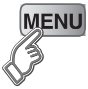


Press to hide the bottom area of the menu (excluding DTV menus). Press again to display it.

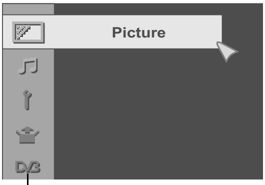
Note

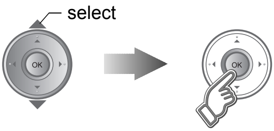
- Depending on the situation (analogue channels, digital channels, video signal formats, external inputs, etc.), some items will be displayed in gray colour and will not work. You will not be able to change their setting as well.

1 Display the menu bar



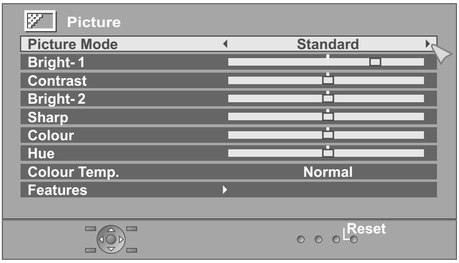
2 Display the desired menu





DTV menu ➡ WATCHING DIGITAL CHANNELS **P. 7 - 18**

3 Change or adjust the setting



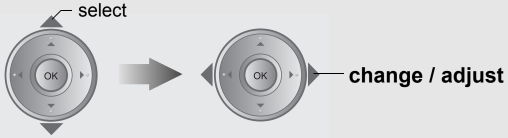
Picture

Picture Mode	Standard
Bright- 1	
Contrast	
Bright- 2	
Sharp	
Colour	
Hue	
Colour Temp.	Normal
Features	▸

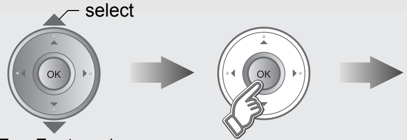
- The menu (excluding DTV menus) disappears after one minute of inactivity.

■ To the previous screen

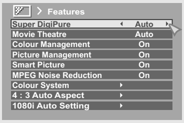
➡ **BACK**



■ To enter an item's menu



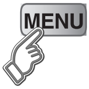
(E.g. Features)



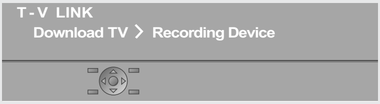
Features

Super DigiPure	Auto
Movie Theatre	Auto
Colour Management	On
Picture Management	On
Smart Picture	On
MPEG Noise Reduction	On
Colour System	▸
4 : 3 Auto Aspect	▸
1080i Auto Setting	▸

4 Close the menu



When "T-V LINK" menu appears.

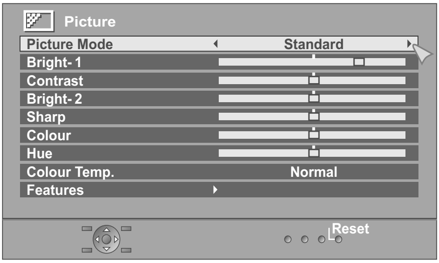


T-V LINK

Download TV > Recording Device

Next

Picture


Picture
Picture Mode ◂ Standard ▸
Bright- 1
Contrast
Bright- 2
Sharp
Colour
Hue
Colour Temp. Normal
Features ▸
Reset

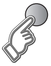
Picture Mode

You can select a preset picture setting according to the brightness of your room.

Bright : in a fairly bright room
Standard : in a room with standard brightness
Soft : in a dark room

■ You can make further adjustments to the selected preset “Picture Mode” to your liking.

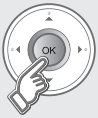
Bright-1	Backlight brightness (Darker ⇔ Brighter)
Contrast	Contrast (Lower ⇔ Higher)
Bright-2	Brightness (Darker ⇔ Brighter)
Sharp	Sharpness (Softer ⇔ Sharper)
Colour	Colour (Lighter ⇔ Deeper)
Hue	Tint (Reddish ⇔ Greenish) (NTSC only)
Colour Temp.	Colour temperature (Warm / Normal / Cool)

■ To return to the default adjustments ➡  (blue)

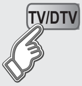
Features

➡ “Features (sub menu)” (P. 33)

■ When using “T-V LINK”



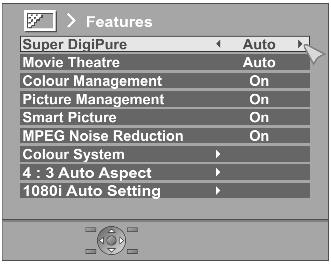
■ When not using “T-V LINK”



- “What is “T-V LINK”?” (P. 11)
- If “Feature Not Available” appears ➡ (P. 41)

Customising your TV

> Features (sub menu)


> Features

Super DigiPure ◂ Auto ▸
Movie Theatre Auto
Colour Management On
Picture Management On
Smart Picture On
MPEG Noise Reduction On
Colour System ▸
4 : 3 Auto Aspect ▸
1080i Auto Setting ▸

Note

- “Smart Picture” is not available when “Picture Mode” is set to “Bright” (P. 32).

Super DigiPure

For natural-looking outlines

Min : When the picture loses sharpness
Max : When noise appears
Auto : Automatically adjusts
Off : Function is turned off

Movie Theatre

For smooth cinema film

On : Function is always on
Auto : Automatically adjusts
Off : Function is turned off

Colour Management

Maintain a natural colour balance (On / Off)

Picture Management

Make it easier to view bright / dark pictures (On / Off)

Smart Picture

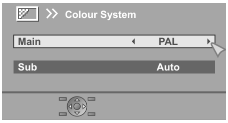
Make it easier to view white areas (On / Off)

MPEG Noise Reduction

Reduce MPEG video noise (On / Off)

Colour System

When there is no colour, change the colour system (PAL, NTSC3.58, NTSC4.43)


>> Colour System

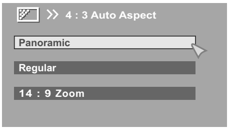
Main ◂ PAL ▸
Sub Auto

Main : Main picture
Sub : Sub-picture in MULTI-PICTURE mode (P. 28)

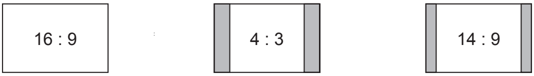
- When watching videos etc., you can select “Auto” (Automatically selects the colour system)

4:3 Auto Aspect

Select a default aspect ratio for Auto in “Zoom” (P. 27)

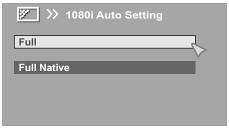

>> 4 : 3 Auto Aspect

Panoramic
Regular
14 : 9 Zoom


Panoramic Regular 14:9 Zoom

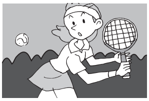
1080i Auto Setting

Select a default aspect ratio for Auto in “Zoom” (P. 27) when 1080i (1125i) signal is received

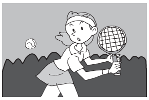

>> 1080i Auto Setting

Full
Full Native

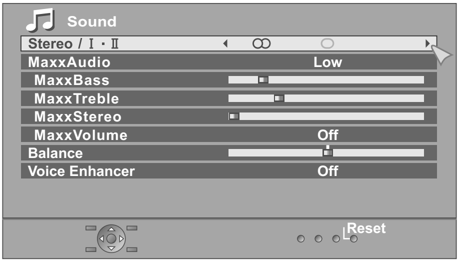
Full



Full Native



♫ Sound



Sound	
Stereo / Ⅰ · Ⅱ	◄ ꝏ ○ ►
MaxxAudio	Low
MaxxBass	
MaxxTreble	
MaxxStereo	
MaxxVolume	Off
Balance	
Voice Enhancer	Off

Note

- If you connect the Headphone to the TV, “MaxxAudio” setting is turned to “Off”.

Stereo/ Ⅰ·Ⅱ

Select stereo, monaural or language (analogue channels)
(○: Monaural / ꝏ: Stereo / Ⅰ: SUB1 / Ⅱ: SUB2)

MaxxAudio

MaxxAudio improves sound performance with four sound features (MaxxBass, MaxxTreble, MaxxStereo and MaxxVolume).
You can select one of the four “MaxxAudio” settings. (Off, Low, Mid, High)

■ You can make further adjustments to the four sound features of the selected preset “MaxxAudio” to your liking.

MaxxBass	Compensates low frequencies to widen the frequency band.
MaxxTreble	Compensates high frequencies to widen the frequency band.
MaxxStereo	Expands the stereo sound naturally.
MaxxVolume	Maintains a uniform sound volume even if the sound becomes loud suddenly (during commercial breaks etc.).

- Adjustments made to the three sound features (MaxxBass, MaxxTreble and MaxxStereo) will be stored in the selected “MaxxAudio” setting.
- To return to the default settings ➡ (blue)

MaxxAudio is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.

Balance

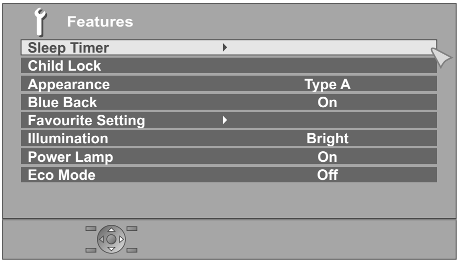
Speaker balance (Left stronger ⇔ Right stronger)

Voice Enhancer

Enhances the voice levels to make vocals or dialogues clearer when the volume is set to low level. (On / Off)

Customising your TV

Features

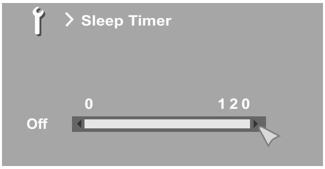


Features

Sleep Timer ▸	
Child Lock	
Appearance	Type A
Blue Back	On
Favourite Setting ▸	
Illumination	Bright
Power Lamp	On
Eco Mode	Off

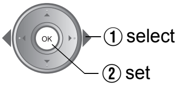
Sleep Timer

Timer for turning off the TV



Sleep Timer

Off 0 120


OK
① select
② set

■ Cancel ➡ Set the time to “0”

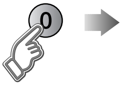
■ Remaining time ➡ Display this menu again

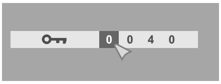
Child Lock

Stop children from watching specific channels (analogue channels)

■ Lock a channel

1 **Display the menu**

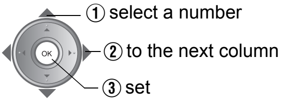




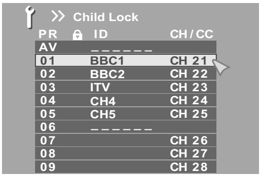
0 0 4 0

- OK button does not work.

Set an “ID No.”

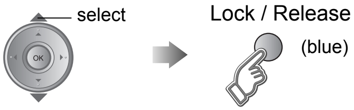

OK
① select a number
② to the next column
③ set

2 **Select a channel and lock it. (🔒 : locked)**



Child Lock

PR	🔒	ID	CH / CC
AV		------	
01		BBC1	CH 21
02		BBC2	CH 22
03		ITV	CH 23
04		CH4	CH 24
05		CH5	CH 25
06		------	
07			CH 26
08			CH 27
09			CH 28


select
OK
Lock / Release
(blue)

■ View a locked channel

Use the number buttons to enter the channel number.

When “ 🔒 ” appears, press “ ⓘ ” and enter your “ID No.” with the number buttons.

- If you forget your “ID No.”, perform step 1 again.

Appearance

Type of the on-screen displays, Message Board and menus (excluding on-screen displays for digital channels and DTV menus)

Type A : translucent

Type B : not translucent

- You cannot change this setting when viewing a digital channel. Switch to an analogue channel or an EXT mode.

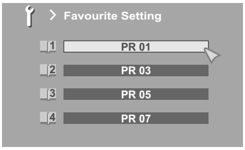
Blue Back

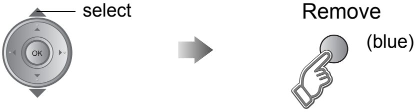
Displays a blue screen and mutes the sound when the signal is weak or absent (On / Off) (analogue channels)

Favourite Setting

Remove a channel from the Favourite channel list (analogue channels)

■ For more details ➡ “FAVOURITE CHANNEL” (P. 19)





Illumination

Lights the illumination lamp (P. 5) when the TV is on (Bright / Soft / Off)

Power Lamp

Lights the power lamp (P. 5) while the TV is on (On / Off)

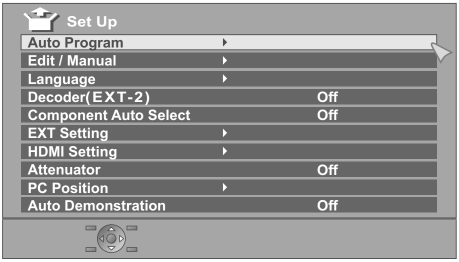
Eco Mode

Automatically adjusts the picture contrast according to the brightness of your room (On / Off / Demo)

■ For more details ➡ “What is “Eco Mode”?” (P. 43)

Customising your TV

Set Up



Set Up

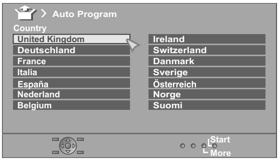
Auto Program	▶
Edit / Manual	▶
Language	▶
Decoder(EXT-2)	Off
Component Auto Select	Off
EXT Setting	▶
HDMI Setting	▶
Attenuator	Off
PC Position	▶
Auto Demonstration	Off

Auto Program

Automatically registers the channels (analogue channels)

■ To change the country, perform step 1 only.

1 Select the country of installation



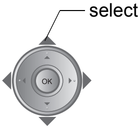
Auto Program

Country

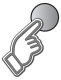
United Kingdom	Ireland
Deutschland	Switzerland
France	Danmark
Italia	Sverige
España	Österreich
Nederland	Norge
Belgium	Suomi

Start

More



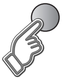
- For the next page

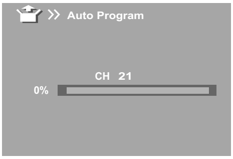


(yellow)

2 Start "Auto Program"

(blue)

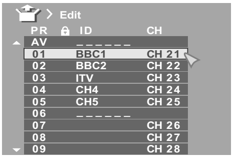




Auto Program

CH 21

0%



Edit

PR	ID	CH
AV	_ _ _ _ _ _	
01	BBC1	CH 21
02	BBC2	CH 22
03	ITV	CH 23
04	CH4	CH 24
05	CH5	CH 25
06	_ _ _ _ _ _	
07		CH 26
08		CH 27
09		CH 28

- If "ACI Start" appears, select and start settings. (This will set up cable television channels.)
  ➡"What is "ACI" (Automatic Channel Installation)?" (P. 42)

■ Edit channels

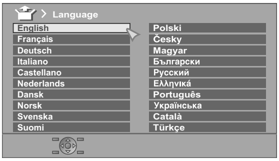
➡"Editing analogue channels" (P. 15)

Edit/Manual

➡ "Editing analogue channels" (P. 15)

Language

Select a language for the Message Board and menus (excluding DTV menus)



Language

English	Polski
Français	Česky
Deutsch	Magyar
Italiano	Български
Castellano	Русский
Nederlands	Ελληνικά
Dansk	Português
Norsk	Українська
Svenska	Català
Suomi	Türkçe

Decoder(EXT-2)

Select “On” when connecting the Decoder to EXT-2 through the VCR (On / Off)

Component Auto Select

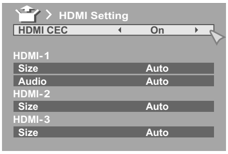
Changes the TV input to “EXT-4” when a component signal is input to EXT-4 (On / Off)

- Not available when viewing PC

EXT Setting

➡ “Setting external terminals” (P. 23)

HDMI Setting


HDMI Setting
HDMI CEC On
HDMI-1
Size Auto
Audio Auto
HDMI-2
Size Auto
HDMI-3
Size Auto

Size :
If picture size is not correct in 480p(525p), change this setting to 1 or 2. Normally set to “Auto”.

Audio :
If there is no sound, change this setting to “Digital” or “Analogue”. Normally set to “Auto”.

HDMI CEC :
If you use a HDMI CEC compatible device, set this setting to “On”.

- For more details ➡ “What is “HDMI CEC”?” (P. 43)

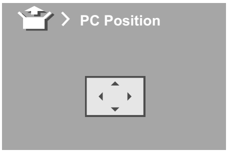
Attenuator

Select “On” when digital channels are not received because of too strong radio waves (On / Off)

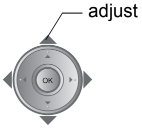
Note

- “Attenuator” attenuates the radio waves of analogue broadcast as well as those of digital broadcast. If some noise or snow appears when watching an analogue channel, please set “Attenuator” to “Off” temporarily.

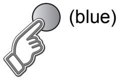
PC Position


PC Position

Adjust the position of the PC image



■ Reset



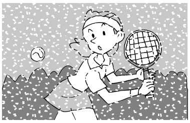
Auto Demonstration

Starts the “100Hz Clear Motion Drive” demonstration (On / Off) (P. 44)

Troubleshooting

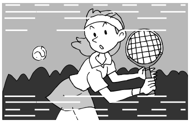
■ Analogue channels

Severe noise or snow



- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
  ➡Consult your retailer
- Is the “Attenuator” set to “On”?
  ➡“Attenuator” (P. 38)

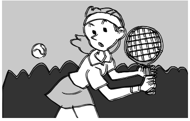
Patterns, stripes or noise



- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  ➡Consult your retailer
- Are connected devices too close to the TV?
  ➡Insert the minimum distance between the aerial and the cause of interference until no interference

Ghosting

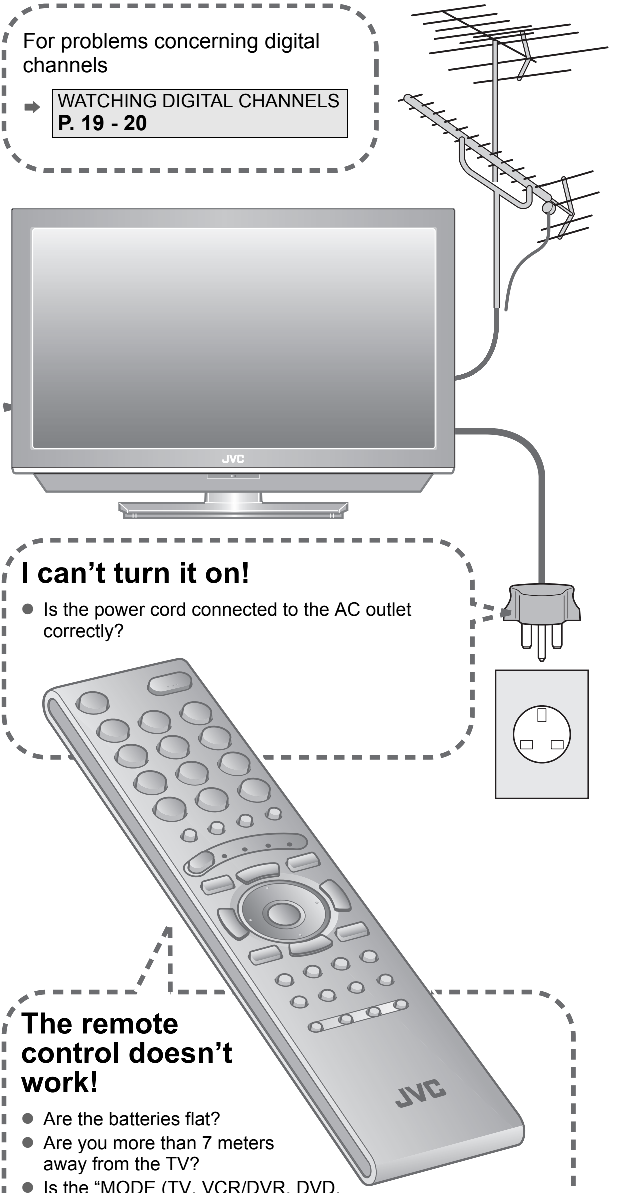
(Doubling of images)



- Are you receiving interference from signals reflected off mountains or buildings?
  ➡Adjust the direction of your aerial, or change to a good-quality directional aerial

For problems concerning digital channels

➡ WATCHING DIGITAL CHANNELS
P. 19 - 20



I can’t turn it on!

- Is the power cord connected to the AC outlet correctly?

The remote control doesn’t work!

- Are the batteries flat?
- Are you more than 7 meters away from the TV?
- Is the “MODE (TV, VCR/DVR, DVD, HC)” set to “TV”?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

	Problem	Actions	Page
Basics	Remote control stops working	● Unplug TV, several minutes later plug it in again.	–
Screen	Aspect ratio changes unintentionally	● Press “ZOOM ○” to return to your settings.	27
	PC screen alignment is off	● Adjust the “PC Position”.	38
	Black or white dots appear on the screen	● LCD panels use fine dots (“pixels”) to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction.	–
Picture	Enters “100Hz Clear Motion Drive” demonstration when watching TV.	● Set “Auto Demonstration” to “Off”.	38
	Poor picture quality	● Change the “Picture Mode” setting. ● Unnatural colour >>> Adjust “Colour” and “Bright-1”. Check your “Colour System”. ● Noise >>> Set to the following functions. Picture Mode: Standard Super DigiPure: Max ● Dull picture >>> Set to the following functions. Picture Mode: Bright Super DigiPure: Min	32 32 33 32 33 32 33
	Strange picture when using an external device	● If you connected S-Video output device, check the “S-In” setting. ● If the top of the image is distorted, check the video signal quality itself. ● If movement appears unnatural when receiving a signal from a DVD player etc., with 576p (625p), change the output setting of the external device to 576i (625i).	24 – –
Sound	Poor sound	● Adjust the “MaxxAudio” setting. ● If receiving a poor signal in “Stereo/ I·II”, switch to “○” (monaural).	34 34
	No sound from the audio component	● Audio signals received from EXT-5, EXT-6 and EXT-7 cannot be sent to the AUDIO OUT terminal.	–

Troubleshooting

	Problem	Actions	Page
HDMI	Wrong screen size	● Switch “Size” in “HDMI Setting” to “1” or “2”. (480p (525p) only) ● Read the user manual of the connected device and perform the following: ➡Check if the output setting of the device is correct. ➡Change the signal format of the device to other format.	38 –
	Dark bar or noise appear at the edges of the screen (1080p (1125p))	● 1080p (1125p) signal is displayed as “Full Native”. When viewing in “Full Native”, dark bar or noise may appear at the edges of the screen. This is resulted from the signal itself, not due to TV malfunction.	–
	No picture, no sound	● Use the cable marked with HDMI logo. HDMI	–
	No sound	● Check if the device is compliant with HDMI. ● Switch “Audio” in “HDMI Setting” to “Digital” or “Auto” for HDMI devices, or “Analogue” or “Auto” for DVI devices. (Not available for EXT-6 and EXT-7)	– 38
	Green and distorted screen	● Wait a little for the signal to stabilize when switching the signal format for an HDMI device.	–
Functions	Some functions do not work	● It is not a malfunction. Depending on the situation, some function items will be displayed in gray colour and will not work.	31
	Some inputs cannot be selected in the sub-picture	● “EXT-4”, “EXT-5”, “EXT-6”, “EXT-7” inputs and PC mode cannot be selected in the sub-picture. ● RGB input signal of “EXT-1” and “EXT-2” are not available in dual-picture mode.	–
Error message	“Feature Not Available” appears	● Is the “T-V LINK” compatible device connected to EXT-2? ● Is the SCART CABLE “Fully Wired”? ● Is the “T-V LINK” compatible device turned on? After confirming all the conditions above, press “OK” button again.	–
	“ACI Error” appears	● Press ◀ to start “ACI” again. If you still receive the “ACI Error” after numerous tries, press ▶ to cancel “ACI”.	–
	“No Recording”	● A problem occurs at the recorder.	–
	“No Recording Possible”	● The displayed video cannot be recorded.	–
	“No Recording Media Problem”	● The recorder is not ready for recording. Check the videotape or DVD disc.	–
	“No Recording Device Busy”	● The recorder is recording another programme, or is playing.	–

Technical Information

What is “T-V LINK”?

“T-V LINK” allows the TV to share information easily with a connected “T-V LINK” compatible device.
By using T-V LINK:

- You can send the channel information programmed on the TV to the “T-V LINK” compatible device, so that both the TV and the external device have the same channel settings. When connecting a new external device, channel information is loaded into it, allowing channel setup to be completed very quickly. For more details, refer to the external device’s manual.
- You can easily record the TV programme you are viewing on a “T-V LINK” compatible device by using the “Direct Rec” feature. For more details, refer to the external device’s manual.

What is “ACI” (Automatic Channel Installation)?

Some cable companies transmit a signal called “ACI” which contains information that allows TV channels to be registered automatically on your TV.
When an ACI signal is received, “ACI Start / ACI Skip” appears in the “Auto Program” screen.

If you accidentally cut the power cord

Attach a new plug following the steps below. If in doubt, contact your local retailer.

Important

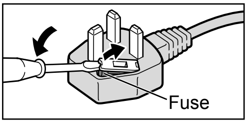
- Never connect to the larger terminal marked with an “E”, the safety earth symbol “⏚” or coloured green or green-and-yellow.
- The wires in the mains lead on this product are coloured with the following code:
  - Blue: Neutral wire (connect to the black terminal, or one marked “N”)
  - Brown: Live wire (connect to the red terminal, or one marked “L”)

Change the fuse in the plug

Open the plug as illustrated on the right.

- When replacing the fuse, always use a correctly rated and approved type and re-fit the fuse cover when finished.

If in doubt, contact your local retailer.



PC signals that can be displayed

- If the signal doesn’t appear, check that the vertical frequency on the PC is set to “60Hz”.

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0

Connect DVI devices

Connect a DVI device to EXT-5 (HDMI) using DVI-HDMI conversion cable. Connect analogue sound output of the DVI device to L and R terminals in EXT-4.

- Set “Audio” in “HDMI Setting” to “Analogue” or “Auto” ➡ (P. 38)
- EXT-6 and EXT-7 inputs do not support analogue sound (EXT-4).

For more information, please read the separate manual (WATCHING DIGITAL CHANNELS).

“Technical Information” (P. 21 - 22)

IMPORTANT
PREPARE
USE
SETTING
TROUBLE?

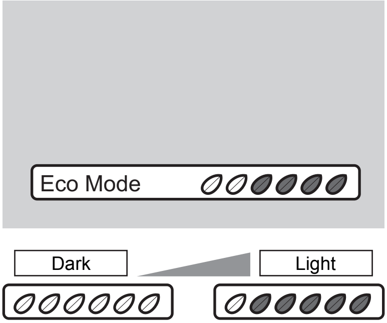
Technical Information

What is “Eco Mode”?

You can adjust this TV so that the screen automatically adjusts to the optimum contrast of light and dark according to the brightness of your room. This function reduces eyestrain and the power consumption of this TV.

- Set “Eco Mode” ➡ “Eco Mode” (P. 36)
- Make sure not to block the Eco Sensor on front of the TV (P. 5)
- To fully reduce eyestrain and the power consumption of this TV. Set to the following functions.
  Eco Mode: On or Demo (P. 36)
  Smart Picture: On (P. 33)

■ Using “Demo” in “Eco Mode”, you can display the effect of the “Eco Mode” on the screen



What is “HDMI CEC”?

HDMI CEC (Consumer Electronics Control) allows the TV to connect and control multiple HDMI CEC enabled devices with a single remote. CEC (Consumer Electronics Control) is an optional protocol used in HDMI.

- HDMI CEC on this TV is compliant with “High-Definition Multimedia Interface Specification”.
- The TV does not support HDMI CEC functions that are not listed below.
- The TV does not guarantee to support use of all HDMI CEC enabled devices.
- Devices that are not enabled to HDMI CEC cannot be controlled with this TV.

■ Control the TV using the HDMI CEC enabled device

- Turn the TV on and switch to the video source of the operating device.
- Switch to the video source of the operating device.
- Turn the TV off with the HDMI CEC enabled device you are viewing.

* For operating instructions of the device, refer to the device’s manual.

■ Control the HDMI CEC enabled device using the TV

- Turn off the operating device by turning off the TV.

* Some device may not support this function. For more details refer to the device’s manual.

■ Send status of the TV to the HDMI CEC enabled device

- When switching the TV’s external input or channel.
- When switching the TV’s menu language.

* Information regarding behaviour of the device when status is received, refer to the external device’s manual.

Turning On / Off HDMI CEC:

- Set HDMI CEC ➡ “HDMI Setting” (P. 38)

* Factory default setting is “On”.

If “HDMI CEC” does not work correctly:

- When HDMI CEC enabled device is connected to EXT-1 or EXT-2 with SCART cable and EXT-5, EXT-6 or EXT-7 with HDMI cable, you may not be able to control TV’s external input. To solve the problem set “HDMI CEC” to “Off”.

Auto in “Zoom”

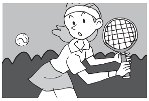
When “Auto” is selected in Zoom, the aspect ratio will turn to the ratio obtained from the information the TV received.

- The aspect ratio will turn to the ratio obtained from WSS (Wide Screen Identification Signal), video signal, or control signal of the external devices. Without receiving the aspect information, it will be the setting in “4:3 Auto Aspect” (P. 33).
- When 1080i (1125i) signal is received, it will be the setting in “1080i Auto Setting” (P. 33).
- Not available in PC mode.

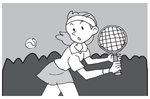
What is “Full Native”?

With the full HD LCD display and “Full Native”, you can enjoy full native HD resolution of 1920 x 1080. It exposes flaws in the video that were hidden when viewing on “Full”.

Full



Full Native



* The illustrations are emphasised to make clear differences between “Full” and “Full Native”.

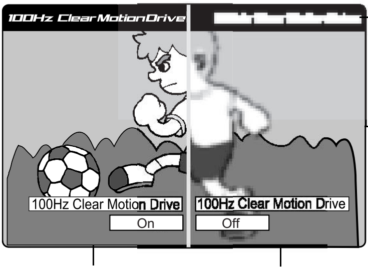
- Dark bar or noise may appear at the edges of the screen when viewing in “Full Native” for some videos. This is resulted from the signal itself, not due to TV malfunction.
- You cannot change the screen size from “Full Native” when receiving the 1080p (1125p) signal.

100Hz Clear Motion Drive

Most conventional LCD panel uses 50 frames per second (50 Hz) to display an image which needs long holding time (time it takes to display single frame), causing blurring or ghost images when there is rapid or complex movement across the screen - a phenomenon common to all LCD panels.

This TV is equipped with JVC’s original “100Hz Clear Motion Drive” technology, which displays two frames (the original plus the new interpolated frame) in the time a 50 Hz set displays a single frame. Resulting to double the typical rate, 100 frames per second (100 Hz) and half the holding time without reducing brightness or contrast. By using this technology you will be able to reduce blurring or ghost images when there is rapid or complex movement across the screen.

By using “Auto Demonstration”, you can display the differences between conventional LCD (50 Hz) and LCD panel equipped with “100Hz Clear Motion Drive”.



The “100Hz Clear Motion Drive” ticker will run right to left

You can confirm the differences of the two LCD’s with actual moving images

Moving image of LCD panel equipped with “100Hz Clear Motion Drive” (100 frames per second)

Moving image of 50 Hz conventional LCD (50 frames per second)*1

*1 To simulate Moving image of conventional LCD, the TV will display two same frames at a time.

* The illustrations are emphasized to make clear differences between LCD panel equipped with “100Hz Clear Motion Drive” and conventional LCD.

- Set “Auto Demonstration” to “On” “Off”. ➡ “Auto Demonstration” (P. 38)
- When set to “On”, it automatically enters demonstration every time no operation is made for approximately 3 minutes. To stop automatic demonstration, set “Auto Demonstration” to “Off”.
- When the images are 60 frames per second (60 Hz), it will be produced as 120 frames per second (120 Hz).

“CH/CC” List

To use the “Insert” function (P. 16), find the “CH/CC” number corresponding to the TV’s Channel number from this table. If you want to know a particular TV channel’s menu, look in TV listings magazines or contact the broadcaster.

- When the Country setting is “United Kingdom”, the CC number channels and channels from CH 02 to CH 12 cannot be received.

CH	Channel
CH 02	E2, IR A
CH 03	E3, IR B
CH 04	E4, IR C
CH 05	E5, IR D
CH 06	E6, IR E
CH 07	E7, IR F
CH 08	E8, IR G
CH 09	E9
CH 10	E10, IR H
CH 11	E11, IR J
CH 12	E12
CH 21	E21
CH 22	E22
CH 23	E23
CH 24	E24
CH 25	E25
CH 26	E26
CH 27	E27
CH 28	E28
CH 29	E29
CH 30	E30
CH 31	E31
CH 32	E32
CH 33	E33
CH 34	E34
CH 35	E35
CH 36	E36
CH 37	E37
CH 38	E38
CH 39	E39

CH	Channel
CH 40	E40
CH 41	E41
CH 42	E42
CH 43	E43
CH 44	E44
CH 45	E45
CH 46	E46
CH 47	E47
CH 48	E48
CH 49	E49
CH 50	E50
CH 51	E51
CH 52	E52
CH 53	E53
CH 54	E54
CH 55	E55
CH 56	E56
CH 57	E57
CH 58	E58
CH 59	E59
CH 60	E60
CH 61	E61
CH 62	E62
CH 63	E63
CH 64	E64
CH 65	E65
CH 66	E66
CH 67	E67
CH 68	E68
CH 69	E69

CC	Channel
CC 01	S1
CC 02	S2
CC 03	S3
CC 04	S4
CC 05	S5
CC 06	S6
CC 07	S7
CC 08	S8
CC 09	S9
CC 10	S10
CC 11	S11
CC 12	S12
CC 13	S13
CC 14	S14
CC 15	S15
CC 16	S16
CC 17	S17
CC 18	S18
CC 19	S19
CC 20	S20
CC 21	S21
CC 22	S22
CC 23	S23
CC 24	S24
CC 25	S25
CC 26	S26
CC 27	S27
CC 28	S28
CC 29	S29
CC 30	S30

CC	Channel
CC 31	S31
CC 32	S32
CC 33	S33
CC 34	S34
CC 35	S35
CC 36	S36
CC 37	S37
CC 38	S38
CC 39	S39
CC 40	S40
CC 41	S41
CC 75	X
CC 76	Y
CC 77	Z
CC 78	Z+1
CC 79	Z+2

Specifications

Main unit

Model	LT-47DV8BJ	LT-42DV8BJ
Broadcasting systems	CCIR I	
Colour systems	TV broadcast: PAL External input: PAL, NTSC 3.58/4.43 MHz	
Channels and frequencies	● Digital: E21-E68 (Frequency: 470-854 MHz) ● Analogue: UNITED KINGDOM: E21-E69 (UHF) IRELAND: IR A-IR J, E2-E12, E21-E69 (VHF/UHF)	
Sound-multiplex systems	NICAM (I)	
Teletext systems	Digital: MHEG 5 UK profile Analogue: FLOF (Fastext), WST (World Standard System)	
Power requirements	AC 220 V - 240 V, 50 Hz	
Audio output (Rated power output)	10 W + 10 W	
Speakers	(4.5 cm x 16 cm) oval x 2	(4.5 cm x 16 cm) oval x 2
Power consumption [standby]	281 W [0.5 W]	232 W [0.5 W]
Screen size (visible area size measured diagonally)	118 cm	105 cm
Dimensions (W x H x D: mm) [without stand]	1121 x 773.7 x 296 [1121 x 726.5 x 129.8]	1007 x 707.2 x 296 [1007 x 660 x 129.1]
Weights [without stand]	34.0 kg [30.0 kg]	28.6 kg [25.6 kg]
Accessories	(See "Check accessories", P. 5)	

- A CAM (Conditional Access Module) for watching pay-TV digital channels can be installed. (P. 8)
- DC power can be supplied to the indoor aerial. ➡ WATCHING DIGITAL CHANNELS **P. 21**

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input / Output terminals	EXT-1	Euroconnector x 1 (SCART connector)	Composite video, S-Video, Analogue RGB Audio L / R	TV out	
	EXT-2	Euroconnector x 1 (SCART connector)	Composite video, S-Video, Analogue RGB Audio L / R	Dubbing out	"T-V LINK" compatible
Input terminals	EXT-3	RCA connectors x 3, S-VIDEO connector x 1	Composite video, S-Video Audio L / R		
	EXT-4	RCA connectors x 5	Analogue component (576i (625i), 480i (525i), Progressive: 576p (625p), 480p (525p), HD: 1080i (1125i), 720p (750p)) Audio L / R		
	EXT-5 (HDMI-1)	HDMI connector x 3	HDMI (576i (625i), 480i (525i), 576p (625p), 480p (525p), 720p (750p), 1080i (1125i), 1080p (1125p) / 50 Hz, 1080p (1125p) / 60 Hz)		"HDMI CEC" compatible (P. 43)
	EXT-6 (HDMI-2)				
	EXT-7 (HDMI-3)				
	PC IN	D-SUB (15 pins) x 1	Analogue PC signal (P. 42)		
Output terminals	AUDIO OUT	RCA connectors x 2		Audio L / R	
	DIGITAL AUDIO OUT	OPTICAL connector x 1		Digital audio (48 kHz, 16 bit linear PCM / Dolby Digital)	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output	

- We may change the design and specifications without notice.

JVC

For users in the UK :
If you have any problems setting up your new TV, please call the JVC Helpline on **0870 330 5000.**

For users in the Republic of Ireland :
If you have any problems setting up your new TV, please call the JVC Helpline on **1890-582500.**

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JVC

WATCHING DIGITAL CHANNELS

Before reading this manual

Read the separate user manual (INSTRUCTIONS), "IMPORTANT" section (P. 3 - 4), and understand how to use the TV safely. After that follow the instructions in the "PREPARE" section (P. 5 - 16) to connect the aerial and other external devices to the TV, and configure the settings for the TV.

This manual only provides information on watching digital channels. Other information is explained in the "INSTRUCTIONS". Please read both this manual and the "INSTRUCTIONS" manual.

Digital terrestrial broadcasting (DVB-T)
➡ Digital channels

Analogue terrestrial broadcasting
(VHF / UHF) and analogue cable TV
➡ Analogue channels

Contents

Watching digital channels 1
- Display the programme information.............. 3
- View subtitles... 3
- Select audio language 4
- View teletext information.............................. 4

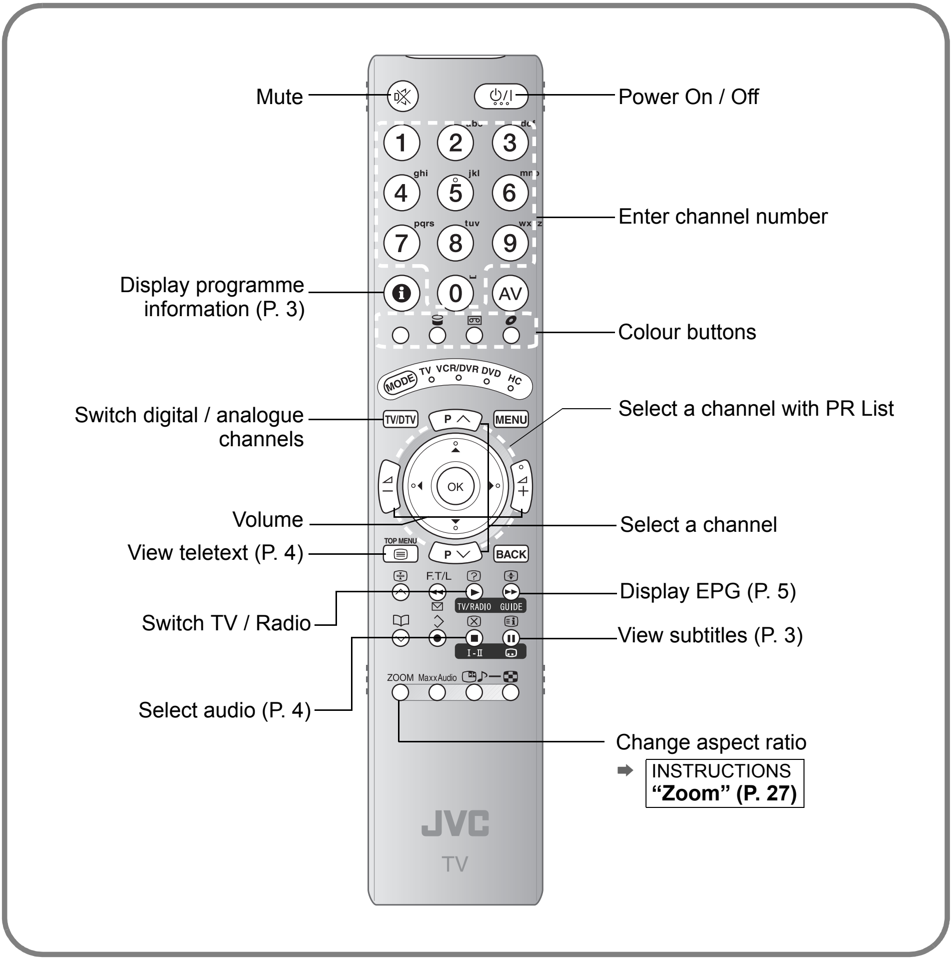
Using EPG 5

Customising your TV 7
- Timer... 9
- Edit PR (Edit PR List) 11
- Configuration 13
- Setup 15
- Installation... 17

Troubleshooting 19
Technical Information..................................... 21

USE
SETTING
TROUBLE?

Watching digital channels

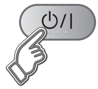

Mute
Power On / Off
Enter channel number
Display programme information (P. 3)
Colour buttons
Switch digital / analogue channels
Select a channel with PR List
Volume
Select a channel
View teletext (P. 4)
Display EPG (P. 5)
Switch TV / Radio
View subtitles (P. 3)
Select audio (P. 4)
Change aspect ratio
➡ INSTRUCTIONS “Zoom” (P. 27)
JVC
TV

For more information, please read the user manual (INSTRUCTIONS).

- Buttons on the remote control unit or the TV buttons.
  ➡“Names of all the part” (P. 5 - 6)
- To watch pay-TV digital channels
  ➡“Watch pay-TV digital channels” (P. 8)
- To soften the picture for daily use, change the “Picture Mode” setting.
  ➡“Picture Mode” (P. 32)
- For options that can be used in everyday TV viewing.
  ➡“Useful functions” (P. 27 - 28), “Customising your TV” (P. 31 - 38)

1

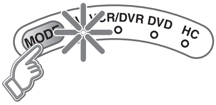
Power on



The green power lamp on the TV lights

- Press again to turn the screen off and put the TV into standby mode.
- To completely turn off the TV, unplug the power plug.

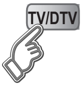
The remote control doesn't work



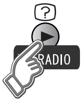
- Confirm the mode is set to "TV".

2

Switch to digital channels



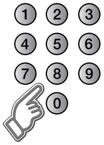
Switch TV/RADIO



3

Select a channel

Enter a channel number

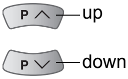


E.g.

1 : 0 ➡ 0 ➡ 1

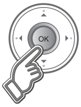
15 : 0 ➡ 1 ➡ 5

Move up or down a channel

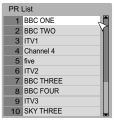


- You can select only from your favourite channels ➡ "Favourite Mode" (P. 14)

Select with PR List

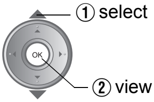


PR List

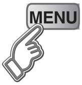


PR List

1	BBC ONE
2	BBC TWO
3	ITV1
4	Channel 4
5	five
6	ITV2
7	BBC THREE
8	BBC FOUR
9	ITV3
10	SKY THREE



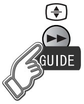
- Close PR List



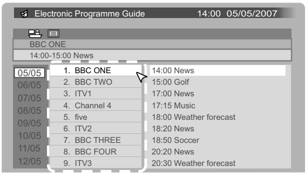
- You can select only from your favourite channels ➡"Favourite Mode" (P. 14)

- If you cannot display the PR List by pressing the "OK" button, press the " i " button three times to display the PR List.

Select with EPG (Electronic Programme Guide)



EPG



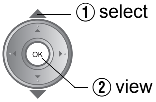
Electronic Programme Guide 14:00 05/05/2007

BBC ONE

14:00-15:00 News

05/05	1. BBC ONE	14:00 News
06/05	2. BBC TWO	15:00 Golf
07/05	3. ITV1	17:00 News
08/05	4. Channel 4	17:15 Music
09/05	5. five	18:00 Weather forecast
10/05	6. ITV2	18:20 News
11/05	7. BBC THREE	18:50 Soccer
12/05	8. BBC FOUR	20:20 News
	9. ITV3	20:30 Weather forecast

Channels



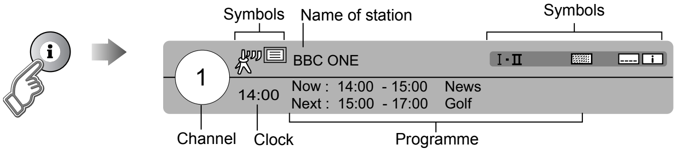
- Display only programmes which match your selected genre ➡ "Genre" (P. 6)

Note

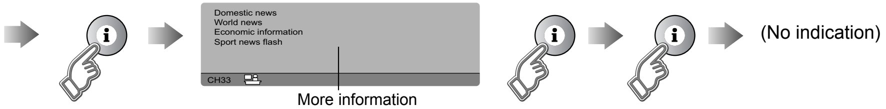
- Add a new station. ➡ "Service Scan" (P. 17)
- Edit the "PR List" (digital channel list) according to your liking. ➡"Edit PR (Edit PR List)" (P. 11)
- Some digital channels cannot be watched on this TV. ➡ (P. 21)

Watching digital channels

Display the programme information


Symbols
Name of station
Symbols
1
BBC ONE
I • II
14:00
Now : 14:00 - 15:00 News
Next : 15:00 - 17:00 Golf
Channel
Clock
Programme

- Whenever changing the channel, "Programme Information" is displayed.


Domestic news
World news
Economic information
Sport news flash
CH33
More information
(No indication)

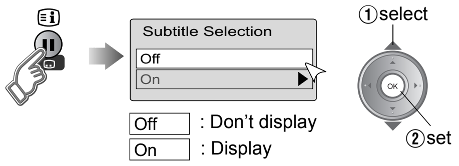
- "PR List" appears.

■ Symbols description

Reception level	Red : Poor	Yellow : Acceptable	Green : Excellent	▨ : Pay-TV channel
				▭ : Subtitles are available (P. 3).
▭ : TV programme	♪ : Radio programme			ⓘ : More information about the programme is available. → ⓘ
▤ : Teletext is available (P. 4).				
I·II : I : Audio in another language is not available. II : Other audio languages are available (P. 4).				

Dolby Digital : Dolby Digital signal is output from the DIGITAL AUDIO OUT terminal (P. 22)

View subtitles

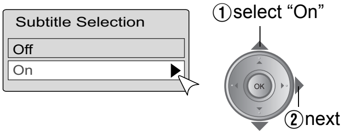

Subtitle Selection
Off
On
①select
OK
②set

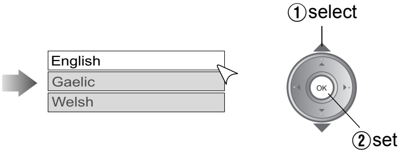
Off : Don't display

On : Display

- By default, the language set in "Subtitle Language" (P. 13) is automatically selected. When not broadcast in that language, another broadcast language is automatically selected.
- When no subtitles are broadcasted, "No Subtitles" is displayed.

■ Switch to another language


Subtitle Selection
Off
On
①select "On"
OK
②next


①select
English
Gaelic
Welsh
OK
②set

ᘐ : Special subtitles for the hearing impaired

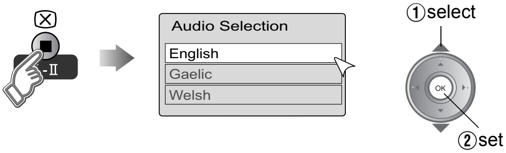
Undefined: When the subtitle's language cannot be identified

- The language that can be selected depends on the broadcast.

Select audio language

By default, the language set in “Audio Language” (P. 13) is automatically selected.
When not broadcast in that language, another broadcast language is automatically selected.

■ Switch to another language



Audio Selection
English
Gaelic
Welsh
①select
OK
②set

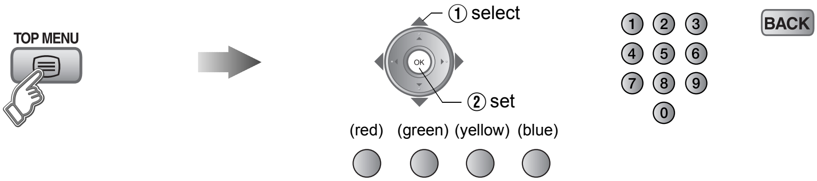
👁 : Special audio track for the visually impaired
Undefined: When the audio’s language cannot be identified
Dolby: Dolby Digital

- The language that can be selected depends on the broadcast.
- Please read ““Dolby Digital” output from the DIGITAL AUDIO OUT terminal” (P. 22) before selecting “Dolby”.

View teletext information

Enter the
Teletext mode

Operate according to the screen indications.
You can use the buttons shown below.

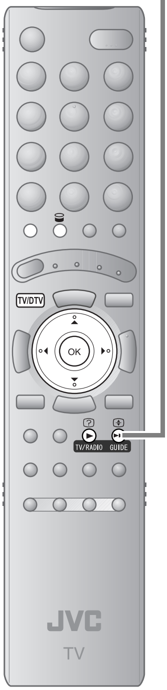


TOP MENU
① select
OK
② set
(red)
(green)
(yellow)
(blue)
1 2 3
4 5 6
7 8 9
0
BACK

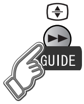
USE
SETTING
TROUBLE?

Using EPG (Electronic Programme Guide)

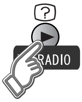
You can find a digital channel programme from an eight-day programme guide, check its information, and make a reservation.


TV/DTV
OK
TV/RADIO
GUIDE
JVC
TV

1 Display EPG

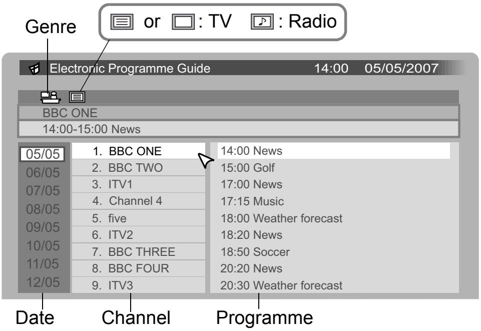


■ Switch TV/RADIO



- EPG will be displayed only when viewing digital channels.

2 Find a programme


Genre
▤ or ▢ : TV
♪ : Radio
Date
Channel
Programme

Electronic Programme Guide 14:00 05/05/2007

BBC ONE
14:00-15:00 News

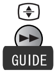
Date	Channel	Programme
05/05	1. BBC ONE	14:00 News
06/05	2. BBC TWO	15:00 Golf
07/05	3. ITV1	17:00 News
08/05	4. Channel 4	17:15 Music
09/05	5. five	18:00 Weather forecast
10/05	6. ITV2	18:20 News
11/05	7. BBC THREE	18:50 Soccer
12/05	8. BBC FOUR	20:20 News
	9. ITV3	20:30 Weather forecast

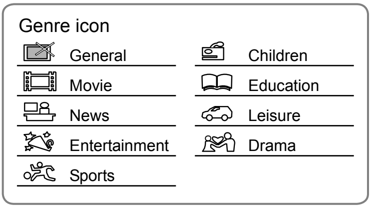
■ Check programme information

➡

■ Close EPG

➡



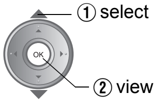


Genre icon

General	Children
Movie	Education
News	Leisure
Entertainment	Drama
Sports	

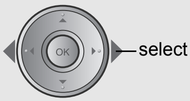
■ The channels and programme names shown in the illustrations here are examples only.

■ Watch / listen to the programme

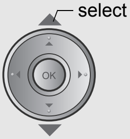

① select
② view
OK

■ Reserve the programme

■ Select a column (Date / Channel / Programme)



■ Select a date / a channel / a programme



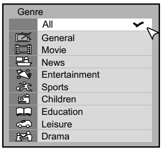
Next

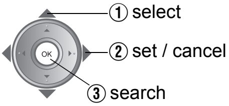
Genre

Display only programmes which match your selected genre

1 **Display the genre list**

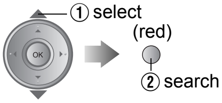
2 **Select a genre**


Genre
All
General
Movie
News
Entertainment
Sports
Children
Education
Leisure
Drama


OK
① select
② set / cancel
③ search

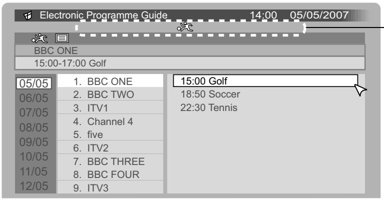
- More than one genre can be selected.

■ Quick search


OK
① select
(red)
② search

- Only one genre can be selected.

3 **Find a programme**



Electronic Programme Guide 14:00 05/05/2007

BBC ONE
15:00-17:00 Golf

05/05	1. BBC ONE	15:00 Golf
06/05	2. BBC TWO	18:50 Soccer
07/05	3. ITV1	22:30 Tennis
08/05	4. Channel 4	
09/05	5. five	
10/05	6. ITV2	
11/05	7. BBC THREE	
12/05	8. BBC FOUR	
	9. ITV3	

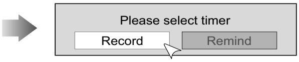
Your selected genres are displayed

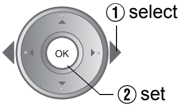
- Only programmes in the selected genre are displayed.

Timer

Reserve a programme to watch and record

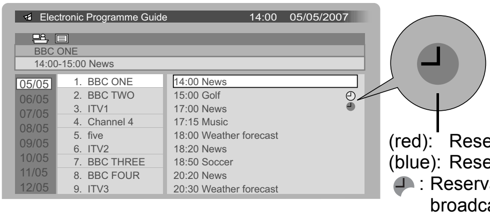
1 **Display the timer select menu**


Please select timer
Record
Remind


OK
① select
② set

Record : Reserve a programme to record
Remind : Reserve a programme to watch

2 **Set "Timer"**
➡Proceed to ❷ in "Timer" (P. 9)



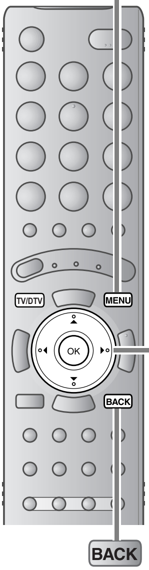
Electronic Programme Guide 14:00 05/05/2007

BBC ONE
14:00-15:00 News

05/05	1. BBC ONE	14:00 News
06/05	2. BBC TWO	15:00 Golf
07/05	3. ITV1	17:00 News
08/05	4. Channel 4	17:15 Music
09/05	5. five	18:00 Weather forecast
10/05	6. ITV2	18:20 News
11/05	7. BBC THREE	18:50 Soccer
12/05	8. BBC FOUR	20:20 News
	9. ITV3	20:30 Weather forecast

(red): Reserve to record
(blue): Reserve to watch
◔ : Reservation time is shorter than the broadcasting time

Customising your TV


TV/DTV
MENU
OK
BACK
BACK

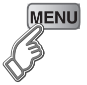
Note

- You cannot display the DTV menus while the “Record” timer is in progress.

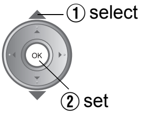
1

Display the DTV menu

Display the menu bar

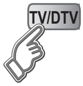


Select “DVB” (DTV)


OK
① select
② set

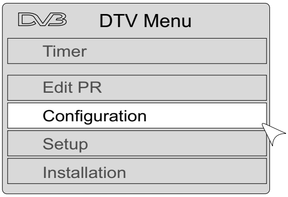
Note

- If you cannot display the DTV menu, switch to digital channels.



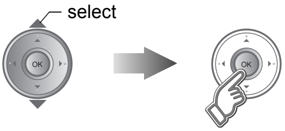
2

Display the desired menu



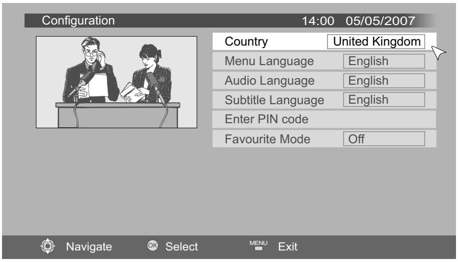
DVB DTV Menu

- Timer
- Edit PR
- Configuration
- Setup
- Installation


select
OK
OK

3

Change the setting

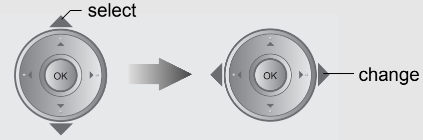


Configuration 14:00 05/05/2007

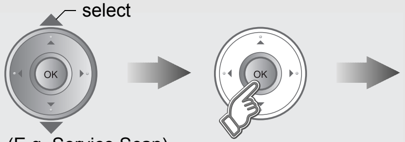
Country	United Kingdom
Menu Language	English
Audio Language	English
Subtitle Language	English
Enter PIN code	
Favourite Mode	Off

Navigate Select MENU Exit

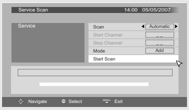
■ To the previous screen ➡ **BACK**


select
OK
OK
change

■ To enter an item’s menu


select
OK
OK

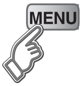
(E.g. Service Scan)



(“Service Scan” menu)

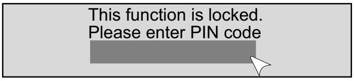
4

Close the menu

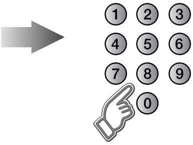


When entering the PIN code

When watching digital channels or changing DTV menu settings, it may be necessary for you to enter a PIN code.
Once a PIN code has been entered, there is no need to enter it again until the TV is turned off.

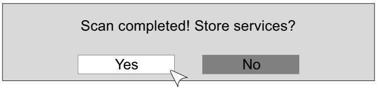


This function is locked.
Please enter PIN code



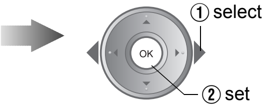
- The default PIN code is “0000”.
- You can set your own PIN code. ➡ “Enter PIN code” (P. 14)

When a message with option selections appears

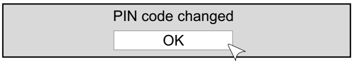


Scan completed! Store services?

Yes No

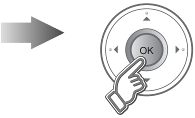


When an information message appears



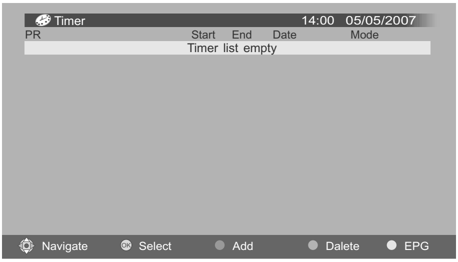
PIN code changed

OK



Customising your TV

Timer



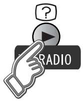
Timer 14:00 05/05/2007

PR	Start	End	Date	Mode

Timer list empty

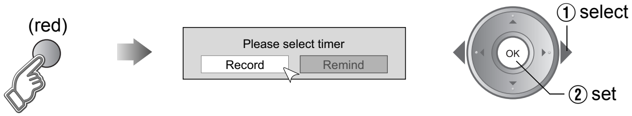
Navigate
Select
Add
Dalete
EPG

■ Switch TV/RADIO



- Up to 20 programmes can be reserved.

1 Display the timer select menu



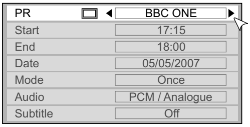
(red)
Please select timer
Record
Remind
OK
① select
② set

Record : Reserve a programme to record
Remind : Reserve a programme to watch

2 Programme the timer setting

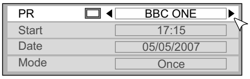
- If you select the programme using “EPG” (P. 5), all items will be set automatically. Change the setting if necessary.

Record



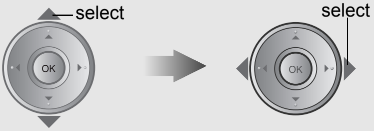
PR	BBC ONE
Start	17:15
End	18:00
Date	05/05/2007
Mode	Once
Audio	PCM / Analogue
Subtitle	Off

Remind



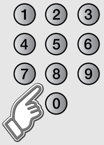
PR	BBC ONE
Start	17:15
Date	05/05/2007
Mode	Once

PR	: Select the channel
Start / End / Date	: Enter the time and date
Mode	: Select the reservation mode (Once, Daily, Weekly)
Audio	: Normally set to “PCM / Analogue”. For details, see ““Dolby Digital” output from the DIGITAL AUDIO OUT terminal” (P. 22).
Subtitle	: Set subtitle recording (Off, On)



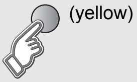
select
OK
select
OK

■ To enter time and date



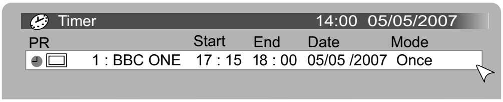
1 2 3
4 5 6
7 8 9
0

■ Select a programme using “EPG”



3

Set the timer

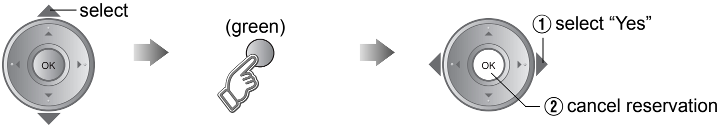

Timer 14:00 05/05/2007

PR		Start	End	Date	Mode
● ▭	1 : BBC ONE	17 : 15	18 : 00	05/05 /2007	Once

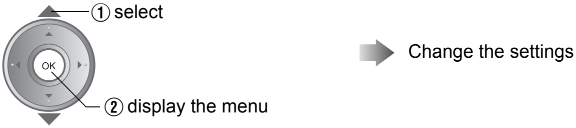
● (red) Record ○ (blue) Remind ▭ TV ♪ Radio

- A message will be displayed if there is problem with the reservation.
- When you reserved the programme using EPG, EPG will be displayed.
- When “Remind” timer is set, “End” will be displayed as “----”.

Cancel a reservation



Change a reservation



4

Prepare for recording before the timer starts

Record Set the recording device as follows. At the start time, the programme will be output from the EXT-2 terminal to the recording device.

- If you use a “T-V LINK” compatible device, set it to the external input mode then to the standby mode. At the start time, the device will start recording automatically. Make sure the recording times of other recordings on the recording device do not overlap with recording times on the TV. Some “T-V LINK” devices may not work correctly. It is recommended to do a recording test.

  For details on “T-V LINK” ➡ INSTRUCTIONS **“What is “T-V LINK”?” (P. 42)**

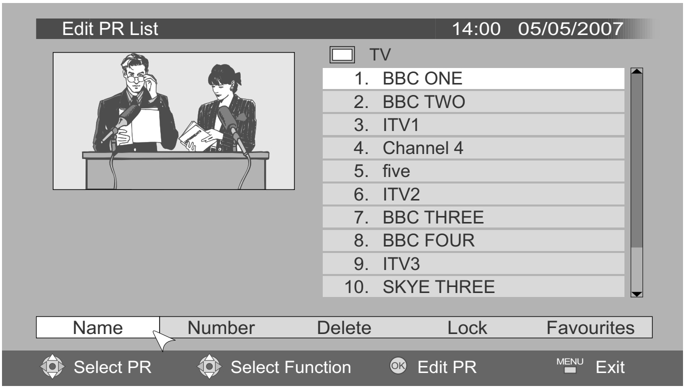
- If you use a “T-V LINK” incompatible device, manually set the device’s timer to record the external input at the same recording times set on the TV. For details, refer to the device’s manual.
- The power lamp on the TV will start blinking 3 minutes before the start time (green or red). Then, it will light during recording (green or orange).
- To stop the recording while a “Record” timer is in progress, press “ ⓘ ” to display the message “Stop Recording?”. Then press the “OK” button.

Remind The “Remind” timer does not turn the TV on or off. Turn the TV on before the timer starts. At the start time, the channel will automatically change.

Customising your TV

Edit PR (Edit PR List)

Deleting unwanted channels, and changing the channel number or channel name can be done in the PR List (digital channel list) according to your liking.



Edit PR List 14:00 05/05/2007

TV

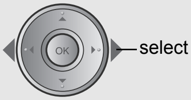
1. BBC ONE
2. BBC TWO
3. ITV1
4. Channel 4
5. five
6. ITV2
7. BBC THREE
8. BBC FOUR
9. ITV3
10. SKYE THREE

Name | Number | Delete | Lock | Favourites

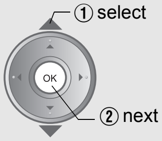
Select PR | Select Function | OK Edit PR | MENU Exit

Edit channels

Select edit function

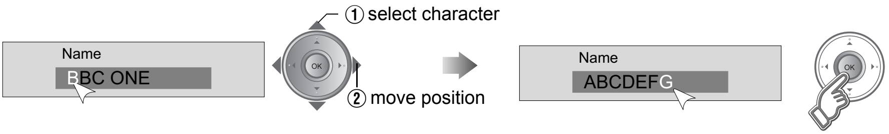


Select channel



Next

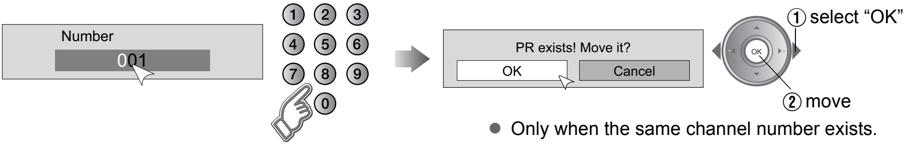
Name Edit a channel name


Name
BBC ONE

Name
ABCDEFG

Number Change a channel number

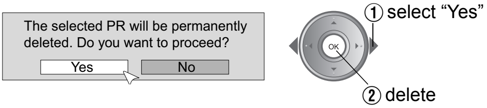
Enter a number


Number
001

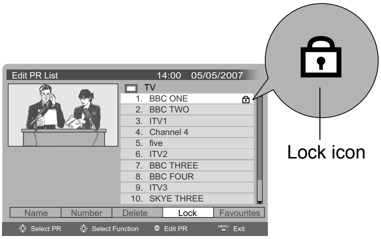
PR exists! Move it?
OK Cancel

- Only when the same channel number exists.
- The channels are rearranged in numerical order.

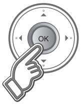
Delete Delete a channel


The selected PR will be permanently deleted. Do you want to proceed?
Yes No

Lock Stop children from watching specific channels

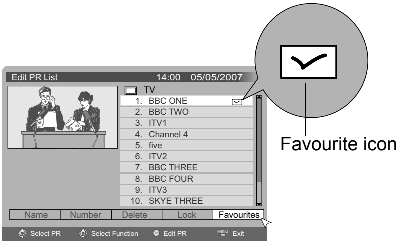

Edit PR List 14:00 05/05/2007
TV
1. BBC ONE
2. BBC TWO
3. ITV1
4. Channel 4
5. five
6. ITV2
7. BBC THREE
8. BBC FOUR
9. ITV3
10. SKYE THREE
Name Number Delete Lock Favourites
Select PR Select Function Edit PR MENU Exit

■ Release ➡

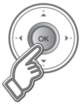


- To enable "Lock" function, turn the TV off and on again.
- To watch the locked channels, the PIN code must be entered.
  ➡"When entering the PIN code" (P. 8)
- Enter PIN code if needed
  ➡ "When entering the PIN code" (P. 8)

Favourites Register your favourite channel


Edit PR List 14:00 05/05/2007
TV
1. BBC ONE
2. BBC TWO
3. ITV1
4. Channel 4
5. five
6. ITV2
7. BBC THREE
8. BBC FOUR
9. ITV3
10. SKYE THREE
Name Number Delete Lock Favourites
Select PR Select Function Edit PR MENU Exit

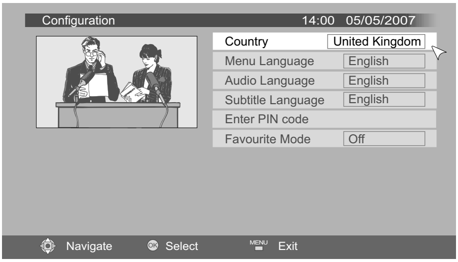
■ Release ➡



- To move through only your favourite channels and have them appear in the PR List.
  ➡ "Favourite Mode" (P. 14)

Customising your TV

Configuration

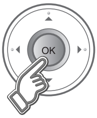
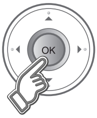


Configuration 14:00 05/05/2007

Country	United Kingdom
Menu Language	English
Audio Language	English
Subtitle Language	English
Enter PIN code	
Favourite Mode	Off

Note

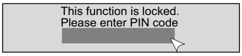
- When not broadcast in the default language, on-screen displays and audio output in that language are not available. In this case, the language that can be displayed and heard depends on the broadcast.

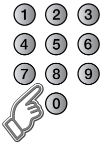
Country	Country of installation (United Kingdom only)
Menu Language	Language for on-screen displays when watching digital channel including the DTV menus (English only)
Audio Language	Select a default language for audio (English, Gaelic, Welsh) ● For visually impaired 👁 ➡ 
Subtitle Language	Select a default language for subtitle (English, Gaelic, Welsh) ● For hearing impaired 👂 ➡ 

Enter PIN code

Change PIN code

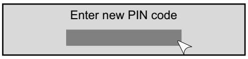
1 Input the current code

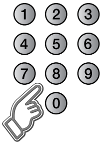

This function is locked.
Please enter PIN code

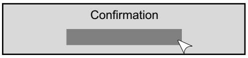


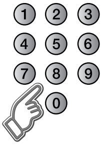
- Default is “0000”.
- If you forget the code, input “0081”.

2 Input a new code twice

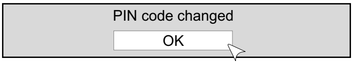

Enter new PIN code



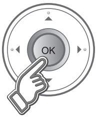

Confirmation



3


PIN code changed

OK



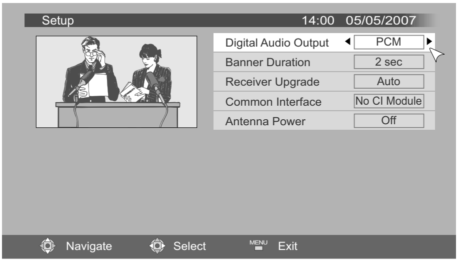
Favourite Mode

Enable your favourite channels (On / Off)

- If you cannot select “On”, register channels in “Favourites” first ➡ “Favourites” (P. 12)
- When you set “Favourite Mode” to “On”, you cannot change from TV to Radio if no radio channel is registered to the favourite channels.

Customising your TV

Setup



Setup 14:00 05/05/2007

Digital Audio Output: PCM

Banner Duration: 2 sec

Receiver Upgrade: Auto

Common Interface: No CI Module

Antenna Power: Off

Digital Audio Output

Output the digital signal from the DIGITAL AUDIO OUT terminal.

PCM : The Linear PCM signal is output

Dolby Digital : The Dolby digital signal is output when the Dolby Digital signal is received

- Please read ““Dolby Digital” output from the DIGITAL AUDIO OUT terminal” (P. 22) before setting.

Banner Duration

Select the display time for channel information (2 sec / 5 sec / 8 sec)

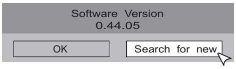
Receiver Upgrade

The TV will automatically search for new tuner software and run the reception test (for digital channels) at midnight (3 AM) on a daily basis. You can select the desired operation with this setting.

- The Receiver Upgrade function works only when the TV is off (standby).
- If new software is available, the TV will automatically download and upgrade the tuner software.
- If the TV detects channels that became receivable or if the TV was not able to receive a certain channel, a message about updating the PR List will be displayed when the TV is turned on.
  ➡“Updating the PR List” (P. 21)

Auto : The search for new software and the reception test will operate at midnight. In addition, the TV will start searching for new software whenever the TV is turned off. Normally set to “Auto”.

Manual : Only the search for new software will operate at midnight. The reception test will not be run. In addition, you can start searching for new software whenever you want.
To start searching, select “Manual” and press “OK” button.



Software Version
0.44.05

Select “Search for new” and press “OK” button. Then, follow the instructions on the screen.

In standby: Upgrade the software automatically when the TV is turned off.

Common Interface

To watch pay-TV digital channels, use the CAM (Conditional Access Module) menu. This function can only be used when pay-TV can be received in your region.

When the CAM etc. is inserted after subscribing to the broadcasting company, this function is available.

➡ INSTRUCTIONS
“Watch pay-TV digital channels” (P. 8)

- If the CAM etc. is not inserted, “No CI Module” will be displayed and this function cannot be used.

Press “OK” button to display the CAM menu and follow the instructions on the screen.

- The content of the menu is different depending on the broadcasting company.
  ➡For details, consult your broadcasting company
- The language shown in the menu may differ from the “Language” set for the TV.

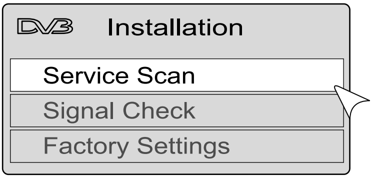
Antenna Power

When using an indoor aerial which requires external power, set “Antenna Power” to “On”.
The TV will supply DC 5V, 50mA (max) from the aerial socket through the cable to the aerial.

- Please read “Power supply for the indoor aerial” (P. 21) before setting.

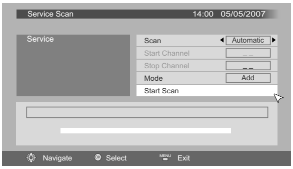
Customising your TV

Installation


DVB
Installation
Service Scan
Signal Check
Factory Settings

Service Scan

Update the PR list


Service Scan
14:00 05/05/2007
Service
Start Scan
Navigate
Select
MENU
Exit

Scan ◀ Automatic ▶
Start Channel _ _
Stop Channel _ _
Mode Add

Scan Select a “Scan” type

Automatic : Scan all receivable channels

Manual : Scan between the “Start channel” and “Stop channel”

Network : Scan all receivable channels, then you can select the broadcasting stations to register

Start channel
Stop channel If you select “Manual”, select the broadcast channel numbers to start and stop scanning.

Mode Select a “Mode”

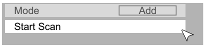
Add : Register only new channels and update the PR list. The current PR list settings will not be changed. No channel will be deleted.

Reinstall : Re-install all channels. The current PR list settings and “Timer” settings will be cancelled. The channels which the TV could not receive will be deleted.

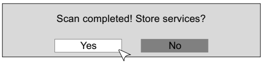
■ To update the PR list

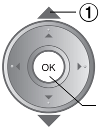
Set “Scan” to “Automatic” or “Network”. If you want to retain the current PR list settings and “Timer” settings, set “Mode” to “Add”. Then start “Service Scan”.

■ To start “Service Scan”.


Mode Add

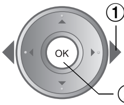
Start Scan


Scan completed! Store services?



① select “Start Scan”

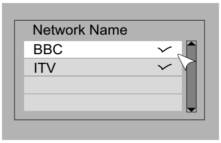
② start scanning

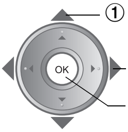


① select “Yes”

② set

- If you set “Scan” to “Network”, the “Network” menu appears. Select broadcasting stations from a list.



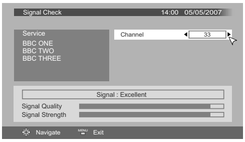


① select

② registered / cancel

③ set

Signal Check


Signal Check 14:00 05/05/2007

Service

BBC ONE

BBC TWO

BBC THREE

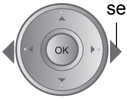
Channel 33

Signal : Excellent

You can check the broadcast signal level of the channel you are watching.

Signal level: **Poor** < **Acceptable** < **Excellent**

- To check another broadcast channel

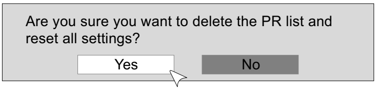


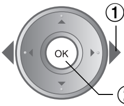
select

The “Channel” is the frequency of the digital broadcasting. It differs from the channel number displayed on the TV.

Factory Settings

All registered digital channels are deleted and the DTV menu settings are initialised. Digital channels are reregistered.


Are you sure you want to delete the PR list and reset all settings?



① select “Yes”

② start

Initial setting will start again.

INSTRUCTIONS
“Initial settings” (P. 11 - 12)

- If “Attenuator” is set to “On”, “RF Attenuator” menu will appear during initial setting. Select “On” or “Off” and press “OK” button. For more details on “Attenuator” ➡ INSTRUCTIONS **“Attenuator” (P. 38)**

Troubleshooting

Messages	Actions	Page
“Missing or weak signal”	● Is the TV connected correctly to the aerial? ● Change the direction of the indoor aerial. ● Is there a digital channels transmission tower nearby? ➡Turn “Attenuator” to “On”. INSTRUCTIONS **“Attenuator”** (**P. 38**) ● Check digital channels signal with “Signal Check”. ● If you still cannot watch the digital channels after following the steps above, there may be a problem with your aerial or its cable. Or, the signal may be too weak. ➡ Consult your retailer	18
“Dolby Digital selected! No analogue audio available”	● When “Dolby Digital” is selected in “Digital Audio Output”, the sound of a programme containing “Dolby Digital” signals cannot be output from the TV or the audio system connected to the AUDIO OUT terminal. ● When the channel is changed, a message will be displayed for a few seconds. ● To listen with the TV or audio system ➡Select a language without “Dolby” from “Audio Selection” ➡Switch “Digital Audio Output” to “PCM”	22 4 15
“Services have changed. Do you want to Update PR list?”	● Update the PR List (digital channels) ➡ “Updating the PR List” ● If the message appears even though PR List updating is not required, set “Receiver Upgrade” to “Manual” to cancel the reception test at midnight.	21 15
“Timer Starting Soon” or “Reminder Changing PR”	● While watching TV, the message appears when a timer programme is about to start, indicating that the channel will be switched.	–
“Stop Recording?”	● The message appears when you perform operations related to the digital channels while a “Record” timer is in progress. Press the “TV/DTV” button to continue recording or press the “OK” button to stop the recording.	–

Problem	Actions	Page
Remote control stops working	● Unplug TV, several minutes later plug it in again.	–
Digital channel screen is frozen	● Hold down “TV/AV” button and “MENU/OK” button on the TV simultaneously for three or more seconds to restart.	–
TV/RADIO button do not work	● Set the “Favourite Mode” to “Off” (P. 14) and register both Radio and TV channels in “Favourites” (P. 12). Then set “Favourite Mode” to “On”.	14 12
No picture, no sound	● Some digital channels cannot be watched on this TV.	21
Aspect ratio changes unintentionally	● Press “ZOOM ◯” to return to your settings.	–
Forgot my PIN code!	● The default PIN code is “0000”. If you forget the numbers that you used to change the default PIN code, first input “0081” in the “Enter PIN code” and then register a new PIN code.	14
Locked channels can be watched without inputting PIN code	● Once the PIN code is input, the lock function is released. If you want to use the lock function again, turn the TV off and then turn it on again.	–

If you encounter other problems, please read the user manual (INSTRUCTIONS).

“Troubleshooting” (P. 39 - 41)

Technical Information

Power supply for the indoor aerial

When using an indoor aerial which requires external power, set “Antenna Power” to “On”. The TV will supply DC 5V, 50mA (max) from the aerial socket through the cable to the aerial.

- Supplying power to outdoor and indoor aerials which does not require external power, may cause damage to the aerial. If you are uncertain whether the aerial needs external power, select “Off”.
- Connect the aerial directly to the TV. When a recording device is connected between the aerial and the TV, power cannot be supplied to the aerial.
- Power is supplied to the aerial only when the TV is on.
- To change the setting after “Initial settings” is complete ➡ “Antenna Power” (P. 16)

Digital channels that cannot be watched on this TV

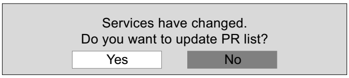
If a digital channel service uses new formats (such as DVB-H or MPEG4, etc.), or MHP, it cannot be watched even though the channel name appears.
If the channel is selected, the picture will not appear and audio cannot be heard.

- You can delete these channels by using the “Delete” in the “Edit PR”
  ➡ “Edit PR (Edit PR List)” (P. 11)

Updating the PR List (Digital channel only)

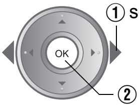
The TV will run the reception test (for digital channel) at midnight (3AM) on a daily basis.
If the TV detects channels that became receivable or if the TV was not able to receive a certain channel, a message about updating the PR List will be displayed when the TV is turned on.

- The reception test will only operate when the TV is in standby. It will not operate when the TV is turned on.
- The reception test will not operate when “Receiver Upgrade” (P. 15) is set to “Manual”.
- If the TV does not detect any channels that need to be updated, a message will not be displayed.



Services have changed.
Do you want to update PR list?

■ To update the PR List right away



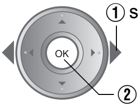
① select “Yes”

② next

Run the “Service Scan” (P. 17)

- The “Service Scan” will take a few minutes.

■ To update the PR List later



① select “No”

② close

- Next time you turn on the TV, the message will not be displayed. But you can update the PR List using “Service Scan” (P. 17) whenever you want to.

“Dolby Digital” output from the DIGITAL AUDIO OUT terminal

Some digital channels are broadcasted with “Dolby Digital” signals.
In these cases, “Dolby Digital” signals can be output from the DIGITAL AUDIO OUT terminal.

1 Connect an audio system with a “Dolby Digital” decoder to the DIGITAL AUDIO OUT terminal.

➡ INSTRUCTIONS
“Connecting external devices” (P. 10)

2 Change the “Digital Audio Output” setting from “PCM” to “Dolby Digital”. (P. 15)

- When changing the setting, the message “Dolby Digital selected! No analogue audio available” may be displayed for a few seconds.
- Each time the channel is changed to a channel that is broadcast with “Dolby Digital” signals, the message “Dolby Digital selected! No analogue audio available” may be displayed for a few seconds.
- Even if “Dolby Digital” is set, “linear PCM” signals will be output by a channel that is not broadcast with “Dolby Digital” signals. Set the audio system so that it is compatible with both “Dolby Digital” and “linear PCM”. (For details, refer to the audio system instruction manual.)

■ Set “Digital Audio Output” to “PCM” in the following cases.
The sound of a channel broadcast with “Dolby Digital” signals cannot be heard even when “Dolby Digital” is set.

- When listening with the TV speakers.
- When listening with an audio system that does not have a “Dolby Digital” decoder.
- When listening with an audio system that is connected to the AUDIO OUT terminal.
- When recording a programme.

■ When “(Dolby)” is displayed in the “Audio Selection” menu (P. 4), selecting “(Dolby)” will change the “Digital Audio Output” setting to “Dolby Digital” temporarily.

- A message recommending you to change the “Digital Audio Output” setting to “Dolby Digital” is displayed for a few seconds.

■ If you want to record a “Dolby Digital” signal using timer-record (P. 9), change “Audio” of the timer-record setting from “PCM / Analogue” to “Dolby Digital”. However, if the setting is changed to “Dolby Digital”, you cannot record analogue sound with a recording device that is connected to the EXT-2 terminal.

- “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

For more information, please read the user manual (INSTRUCTIONS).

“Technical Information” (P. 42 - 44)

JVC

For users in the UK :
If you have any problems setting up your new TV, please call the JVC Helpline on **0870 330 5000.**

For users in the Republic of Ireland :
If you have any problems setting up your new TV, please call the JVC Helpline on **1890-582500.**

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